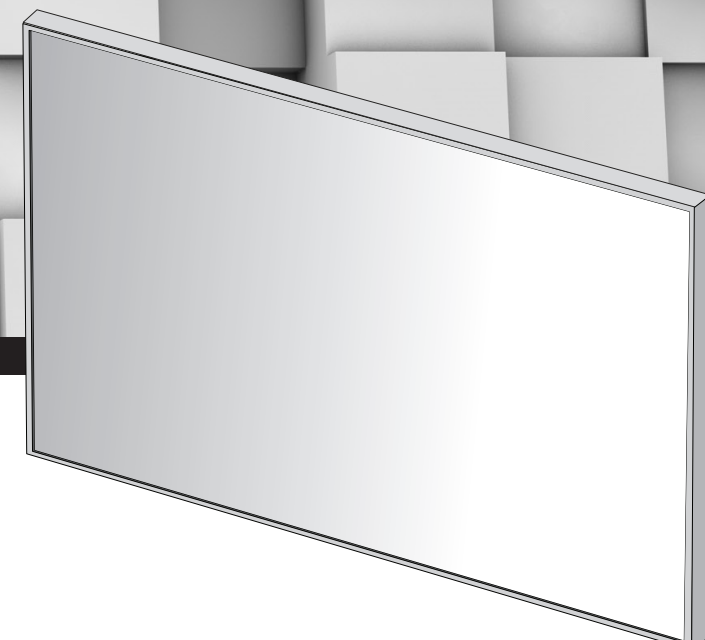
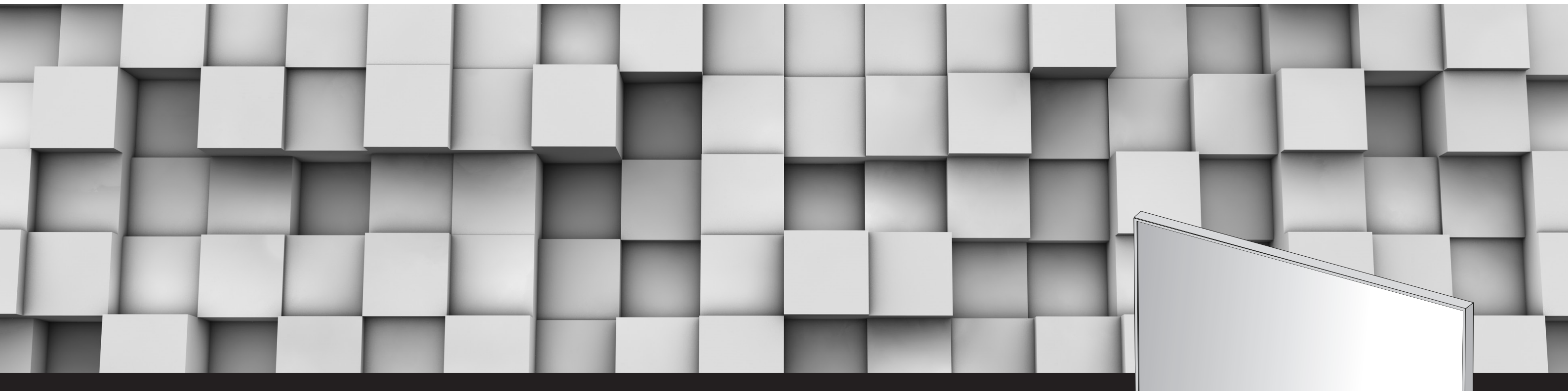




When image experience matters.



**Planar System, Inc.**  
1195 NW Compton Drive Beaverton, OR 97006  
USA  
[www.planar.com](http://www.planar.com)  
Technical Support: 1-866-752-6271  
[www.planar.com/support](http://www.planar.com/support)

**PS5580 |**  
**User's Manual**

## Features of PS5580

- ▶ Enjoy a wide flat screen with high brightness and high quality.
- ▶ Easy to install and move due to its thin design
- ▶ Enjoy your favorite programs with various split-screen features simultaneously presenting several programs.

## Thank you for purchasing our PS5580 monitor.

This manual describes how to use the product and notes in use.

Please read the manual carefully before using it.

After reading this manual, please retain for future reference.

If you have any questions or a problem occurs, please contact either the company you purchased this product from or an authorized service center.

※ **Displaying static picture for an extended period of time may cause an burn-in effect.**

※ **Burn-in effect and the faults in brightness and picture elements caused by fixed images are not subject to the warranty coverage.**



### Warning

If you fail to comply with the regulations for safety and proper use, fire or injury may be caused.



### Warning

To prevent electric shock, Do not remove cover.  
No user serviceable part inside  
Refer servicing to qualified service personal.

## Supplied Accessories

CD with Manual



Power Cable



DVI Cable



IR Receiver



Remote Controller



Battery  
(AAA X2)



Washer  
4.3\*10\*1T (4ea)



Washer  
4.2\*8\*2T (4ea)



Spacer(3ea)



Screw(4ea)



## Notice to users

### Class A digital device

It is a device designed for business purpose with a safety certificate for electromagnetic interference, which user should be mindful of.

## " Important Safety Instructions"

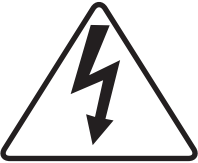
- 1) Read these instructions.
  - 2) Keep these instructions.
  - 3) Heed all warnings.
  - 4) Follow all instructions.
  - 5) Do not use this apparatus near water.
  - 6) Clean only with dry cloth.
  - 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
  - 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
  - 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
  - 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
  - 11) Only use attachments/accessories specified by the manufacturer.
  - 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
  - 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
  - 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The symbol in figure 21 shall be shown adjacent to the text of item 12 above.



### FCC Verified : Class "A"

This device complies with the Part 15 of the FCC Rules. Operation is subject to the following two conditions :

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.



**CAUTION**

RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER (OR BACK).  
NO USER-SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

**NOTICE**

1. To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable
2. WARNING - To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose This Appliance To Rain Or Moisture.
3. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
4. Use only a properly grounded plug and receptacle
5. "Warning" CAUTION – These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
6. "Warning" CAUTION – These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

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## ✳ European Union Disposal Information

| English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Français                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Deutsch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Disposal of old Electrical &amp; Electronic Equipment (Applicable throughout the European Union and other European countries with separate collection programs)</b></p> <p>This symbol found on your product or on its packaging, indicates that this product should not be treated as household waste when you wish to dispose of it. Instead, it should be handed over to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate disposal of this product. The recycling of materials will help to conserve natural resources.</p>                                 | <p><b>Mise au rebut des équipements électriques et électroniques usagés (Valable dans l'ensemble de l'Union Européenne ainsi que dans les pays européens disposant de programmes distincts de collecte des déchets)</b></p> <p>Ce symbole appliqué sur votre produit ou sur son emballage indique que ce produit ne doit pas être traité comme un déchet ménager lorsque vous voulez le mettre au rebut. Il doit au contraire être remis à un site de collecte agréé pour le recyclage des équipements électriques et électroniques. En veillant à ce que ce produit soit mis au rebut de façon adéquate, vous contribuerez à prévenir les conséquences potentiellement négatives sur l'environnement et sur la santé humaine qui risqueraient de se produire en cas de mise au rebut inappropriée de ce produit. Le recyclage des matériaux contribuera également à économiser les ressources naturelles.</p> | <p><b>Entsorgung von elektrischen &amp; elektronischen Altgeräten (geltend für die europäische Gemeinschaft und andere europäische Länder mit separaten Sammelprogrammen)</b></p> <p>Dieses Symbol, zu finden auf Ihrem Produkt oder dessen Verpackung, macht Sie darauf aufmerksam, dass dieses Produkt bei der Entsorgung nicht als Hausmüll behandelt werden darf. Statt dessen sollte es an eine Sammelstelle zum Recycling von elektrischen und elektronischen Altgeräten gegeben werden. Helfen Sie mit, potenziell schädliche Einflüsse auf Umwelt und Gesundheit, die durch eine unsachgemäße Entsorgung dieses Produktes entstehen können, zu vermeiden und entsorgen Sie dieses Produkt ordnungsgemäß. Recycling hilft, natürliche Rohstoffe einzusparen.</p>                                                                 |
| <p>This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>Ce symbole n'est valable que dans l'Union Européenne. Si vous souhaitez mettre ce produit au rebut, veuillez prendre contact avec les autorités locales ou avec votre revendeur et renseignez-vous sur la méthode de mise au rebut correcte.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>Dieses Symbol ist nur innerhalb der europäischen Gemeinschaft gültig. Wenn Sie dieses Produkt entsorgen möchten, wenden Sie sich bitte an Ihre örtliche Behörde und fragen Sie nach der ordnungsgemäßen Entsorgungsmethode.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Español                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Italiano                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Nederlands                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p><b>Deshecho de equipos eléctricos y electrónicos (aplicable a la Unión Europea y a otros países europeos con programas de reciclaje independientes)</b></p> <p>La presencia de este símbolo en el propio producto o en su material de embalaje, indica que no se debe tratar como residuo doméstico cuando desee deshacerse de él. En su lugar, debe entregarlo en el punto limpio correspondiente de reciclaje de equipos eléctricos y electrónicos. Asegurándose de que este producto se desecha de forma correcta, ayudará a evitar posibles consecuencias negativas para la conservación del medioambiente y la salud humana, consecuencias que podrían darse si se deshace del producto de forma inadecuada. El reciclado de materiales ayuda a conservar los recursos naturales.</p>               | <p><b>Smaltimento delle attrezzature elettriche ed elettroniche usate (applicabile in tutta la Comunità Europea ed altri Paesi Europei che applicano programmi di raccolta differenziata)</b></p> <p>Il simbolo trovato sul prodotto, o sulla sua confezione, indica che il prodotto non può essere trattato come i domestici quando è il momento di smaltirlo. Al contrario, deve essere consegnato ad un centro di raccolta specializzato nel riciclaggio di attrezzature elettriche ed elettroniche. Assicurando che il corretto smaltimento di questo prodotto, si aiuterà a prevenire potenziali conseguenze negative sull'ambiente e sulla salute umana, che possono essere provocate da uno scorretto smaltimento di questa attrezzatura. I materiali riciclati aiuteranno a conservare le risorse naturali.</p>                                                                                        | <p><b>Verwijderen van oude elektrische en elektronische apparatuur (toepasselijk in de volledige Europese Unie en andere Europese landen met afzonderlijke programma's voor afvalverzameling)</b></p> <p>Dit symbool dat op het product of zijn verpakking is aangebracht, geeft aan dat dit product niet mag worden behandeld als huishoudelijk afval als u het wilt wegwerpen. U moet het afgeven bij een specifiek verzamelpunt voor de recyclage van elektrische en elektronische apparatuur. Door te garanderen dat u dit product op de correcte manier wegwerpt, helpt u potentiële negatieve gevolgen voor het milieu en de menselijke gezondheid, die zouden kunnen worden veroorzaakt door een onrechtmatig wegwerpen van het product, te voorkomen. De recyclage van materialen helpt het behoud van natuurlijke bronnen.</p> |
| <p>Este símbolo solamente es válido en la Unión Europea. Si desea deshacerse de este producto, póngase en contacto con las autoridades locales o con su distribuidor y pida información sobre el método de disposición adecuado.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Questo simbolo è valido solo nell'Unione Europea. Per smaltire questo prodotto, mettersi in contatto con le autorità locali - o con il rivenditore - e chiedere informazioni sul corretto metodo di smaltimento.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Dit symbool is alleen geldig in de Europese Unie. Als u dit product wenst weg te gooien, dient u contact op te nemen met uw lokale instanties voor details over de gepaste methode voor afvalverwijdering.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Português                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Polski                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Eliminação de equipamentos eléctricos e electrónicos usados (aplicável na União Europeia e noutros países europeus com programas próprios de recolha destes equipamentos)</b></p> <p>Este símbolo, colocado no produto ou na respectiva embalagem, indica que o produto não deve ser tratado como lixo doméstico aquando da sua eliminação. Em vez disso, deve ser entregue num ponto de recolha de equipamentos eléctricos e electrónicos para posterior reciclagem. Ao garantir a correcta eliminação deste produto, estará a evitar consequências potencialmente negativas tanto para o ambiente como para a saúde humana. A reciclagem de materiais ajuda a preservar os recursos naturais.</p>                                                                                                   | <p><b>Uswanie zużytego sprzętu elektrycznego i elektronicznego (Dotyczy krajów Unii Europejskiej i innych krajów europejskich z oddzielnymi programami zbiórki odpadów)</b></p> <p>Obecność tego symbolu na produkcie lub na opakowaniu z produktem oznacza, że tego produktu nie można wyrzucić razem z odpadkami domowymi. Należy go przekazać do punktu zbiórki w celu poddania recyklingowi podzespołów elektrycznych i elektronicznych. Usunięcie tego produktu w prawidłowy sposób, pomoże w zabezpieczeniu przed negatywnym wpływem odpadów na środowisko i zdrowie ludzi, powodowanym przez niewłaściwe usuwanie produktu. Przetwarzanie materiałów pomaga w zachowaniu zasobów naturalnych.</p>                                                                                                                                                                                                       | <p><b>Waste Electrical and Electronic Equipment (WEEE) Directive In the European Union, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling. EEE complies with Directive 'Regulation on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment'</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>Este símbolo apenas é válido na União Europeia. Se quiser eliminar este produto, contacte as entidades locais ou o seu fornecedor para ficar a saber qual o método de eliminação correcto.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>Ten symbol obowiązuje wyłącznie w krajach Unii Europejskiej. Informacje dotyczące prawidłowej metody usunięcia tego produktu, można uzyskać u władz lokalnych lub u dostawcy.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>Waste Electrical and Electronic Equipment(WEEE) Directive In the European Union, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling. EEE complies with Directive 'Regulation on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment'</p>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Svenska                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Suomi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Avfall av förbrukad elektrisk och elektronisk utrustning (Tillämplbart i hela Europeiska unionen och andra europeiska länder med separata samlingsprogram)</b></p> <p>Den här symbolen som finns på din produkt eller på dess förpackning påvisar att produkten inte ska behandlas som hushållsavfall när du vill slänga bort den. Istället ska den lämnas över till en lämplig uppsamlingspunkt för återvinning av elektriska och elektroniska utrustningar. Genom att tillförsäkra att den här produkten återvinns på ett riktigt sätt hjälper du till med att förhindra möjliga negativa konsekvenser för miljön och mänsklig hälsa. Det kan annars orsakas på grund av olämplig sophantering av den här produkten. Återvinning av material kommer att hjälpa till att bevara naturtillgångar.</p> | <p><b>Vanhojen sähkö- ja elektroniikkalaitteiden hävittäminen (Soveltuva kaikkialla Euroopan unionin alueella, sekä muissa Euroopan maissa, joilla on erilliset keräysohjelmat)</b></p> <p>Jos tuotteessa tai sen pakkauksessa on tämä symboli, sitä ei pidä hävittääessä käsitellä tavallisena kotitalousjätteenä, vaan se kuuluu toimittaa sähkö- ja elektroniikkalaitteiden kierrätyspisteseen. Varmistamalla, että tämä tuote hävitetään asiaankuuluvalla tavalla autat estämään mahdollisia ympäristölle ja ihmisille koituvia negatiivisia seuraamuksia, joita sen vääräinen hävittäminen voi aiheuttaa. Materiaalien kierrättäminen auttaa säilyttämään luonnonvarjoja.</p>                                                                                                                                                                                                                             | <p><b>Waste Electrical and Electronic Equipment (WEEE) Yönergeleri Avrupa Birliği'nde bu etiket, ürünün ev elektroniği aletleri atıkları ile imha edilemeyeceğini gösterir. Kurtarmak ve geri dönüşümünü sağlamak için uygun şartlarda saklanması gerekir. EEE Yönetmeliğine Uygundur Ve Elektronik Eşyalarda Bazı Zararlı Maddelerin Kullaniminin Sınırlanmasında Dair Yönetmelik.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p>Den här symbolen är endast giltig inom den Europeiska unionen. Om du vill slänga bort den här produkten ska du kontakta lokala myndigheter eller återförsäljare, och fråga efter lämplig avfallsmetod</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>Tämä symboli on voimassa ainoastaan Euroopan unionin alueella. Jos haluat hävittää tämän tuotteen, ota yhteyttä paikallisiin viranomaisiin tai jälleenmyyjään ja tiedustele asiaankuuluvia hävittämistapoja.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>Waste Electrical and Electronic Equipment (WEEE) Yönergeleri Avrupa Birliği'nde bu etiket, ürünün ev elektroniği aletleri atıkları ile imha edilemeyeceğini gösterir. Kurtarmak ve geri dönüşümünü sağlamak için uygun şartlarda saklanması gerekir. EEE Yönetmeliğine Uygundur Ve Elektronik Eşyalarda Bazı Zararlı Maddelerin Kullaniminin Sınırlanmasında Dair Yönetmelik.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## ✳ Cautions for consisting PS5580 System

### Environmental condition for installation

- Since PS5580 is very sensitive for physical impact, installation requires considerable caution.
- Minimum clearance(20cm) must be secured for smooth ventilation. (See page 6)  
Installation must avoid air tight or near air tight places. Improper ventilation causes malfunction and shortens product lifetime by rapid internal temperature rise. If PS5580 has to installed at the improper ventilation, additional ventilation openings or fans must be provided to keep the internal temperature between 0 ~ 35°C.
- For ground of PS5580 and application devices, it should be connected as frame ground.
- Considering PS5580 Max power consumption, check the main electric specification .

### Recommended Operating Condition

- Temperature: 5~35°C, Humidity: 35~75%, Suitable operating time : under 12 hours a day.
- Do not install the set at the air-tight condition.
- It is recommended to install the set with good ventilation.
- Do not install the set at the place of direct sunlight or excessive exposure to lightings.

✳Blackening, stains or burning effect on the screen can be occurred by improper installation or use against the above recommended conditions.

### Consideration for easier service

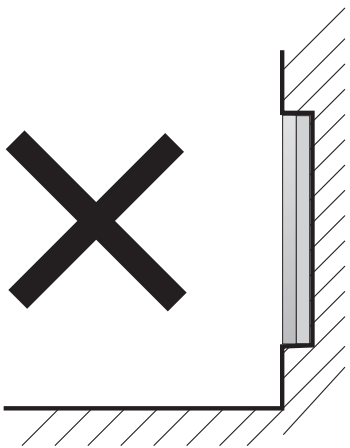
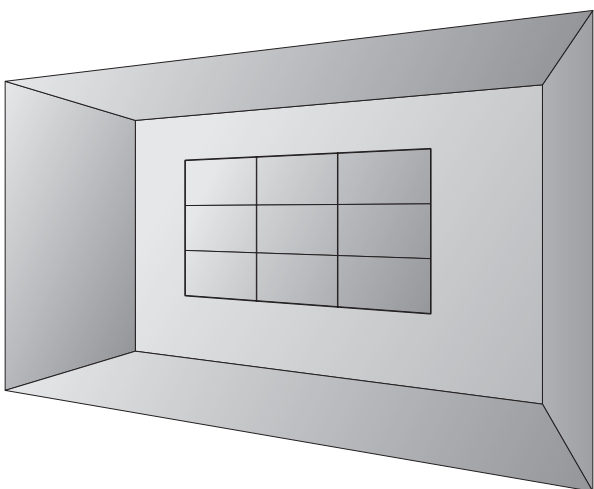
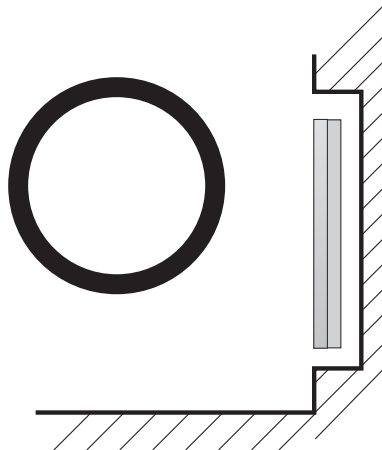
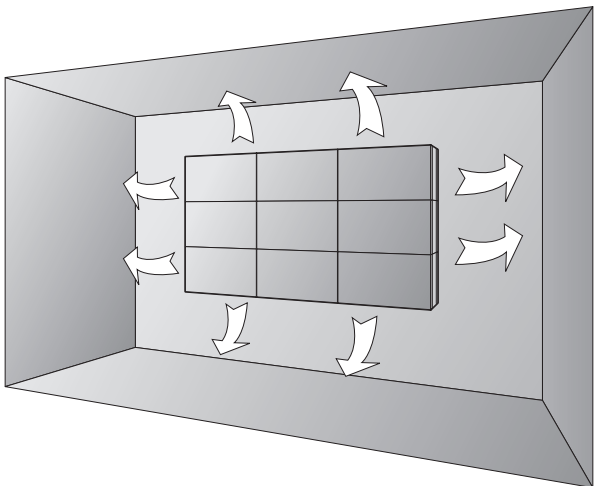
- When you design the exterior design for PS5580system, consider easier disassembly for possible service occasion in the future.
- The sliding Universal Unit of ORION is recommended for easier service.
- If service people can step into the backside of PS5580system, it can greatly reduce time and effort for service.
- In case of higher locations, consider the installation location and exterior design for easier service.



# ※ Clearance for Ventilation



- When you install PS5580 make sure there is at least 20cm clearance for effective ventilation and do not seal off PS5580 sets.  
If PS5580 sets are installed at the locations of bad ventilation, the inner temperature can be raised rapidly and it can cause frequent malfunctions and rapid reduction of the product life.

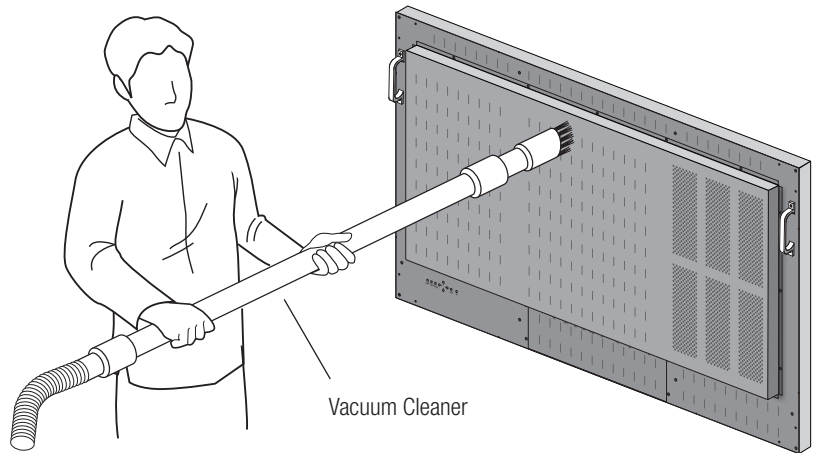


※ Ventilation space in front of PS5580 must be furnished for heat dispersion.If the front space of PS5580 has to be sealed, there must be consideration for the heat dispersion in the rear side of PS5580.

# ※ Cleaning and Maintenance



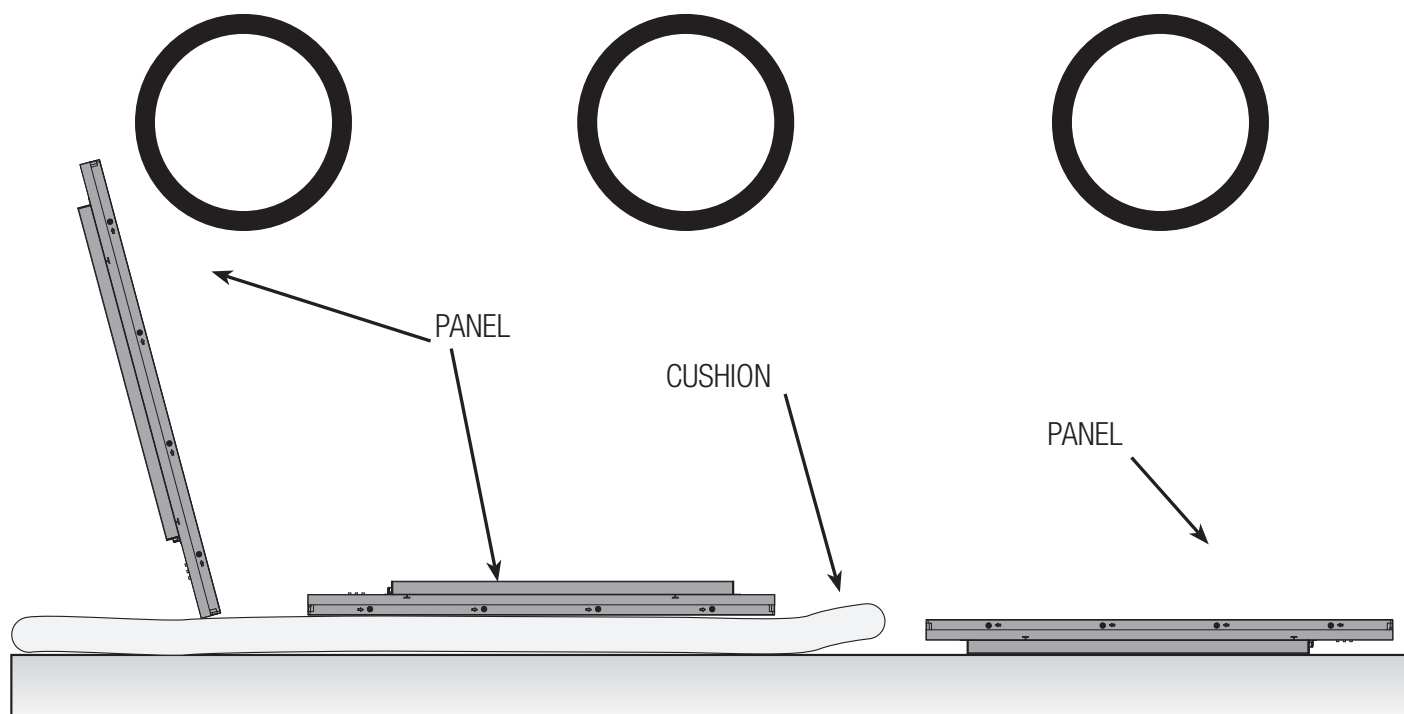
- Regularly clean off the vent holes in the back of PS5580 sets.  
If the vent holes and the fan air holes are clogged with dust, it prevents the air flow inside of PS5580 sets.  
It can cause rapid increase of the inner temperature and may cause malfunctions.  
Clean off the vent holes and the fan air holes with a vacuum cleaner regularly.





※ Please keep following instruction for panel protection without exception.

- This product can be damaged even with minor impact for its nature.
- Please keep following instruction to carry or store the products.

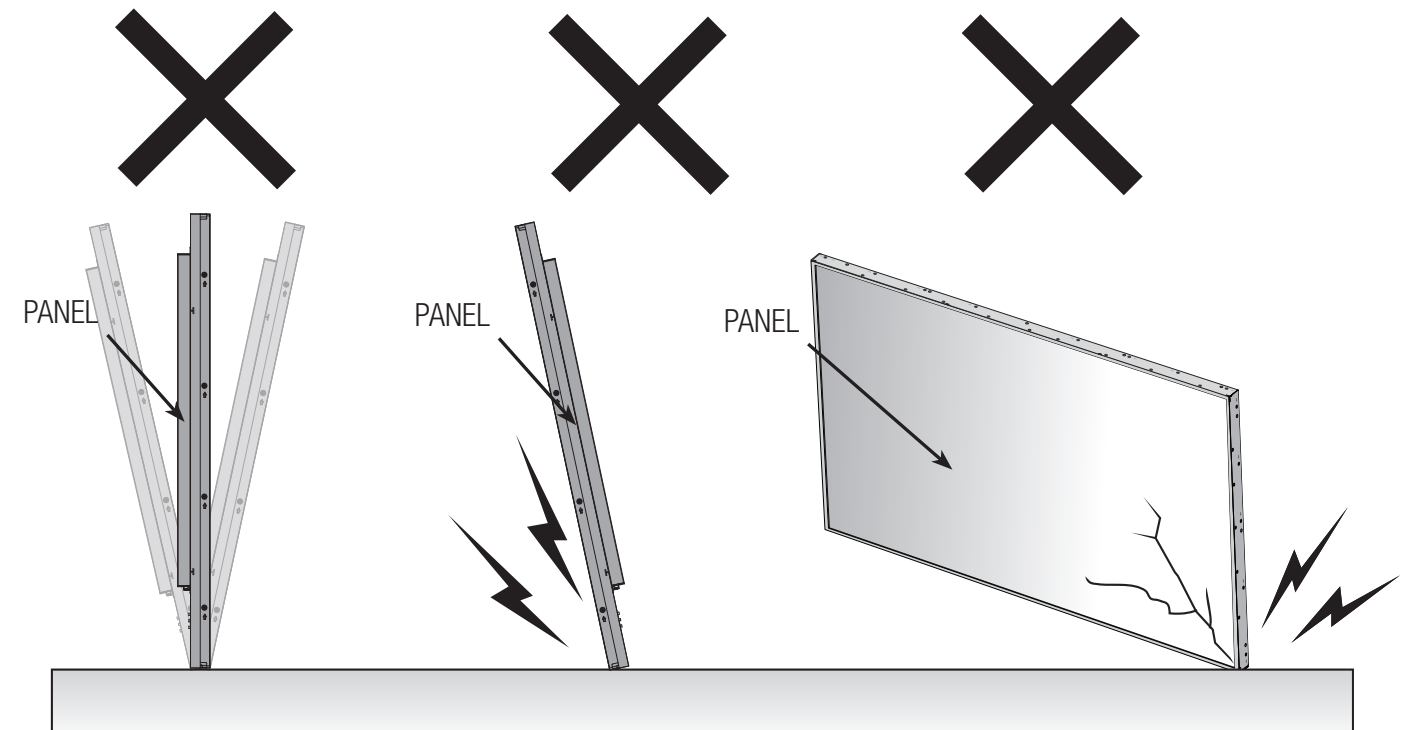


- If you need to stand LCD, you must lean over the LCD to avoid panel touches ground or floor .
- If you need to lay down LCD as face down position, please use shock-absorbing pads under the LCD.
- If you need to lay down LCD as face up position, please be cautious for falling objects on the surface of the LCD.



※ Handle with Caution.

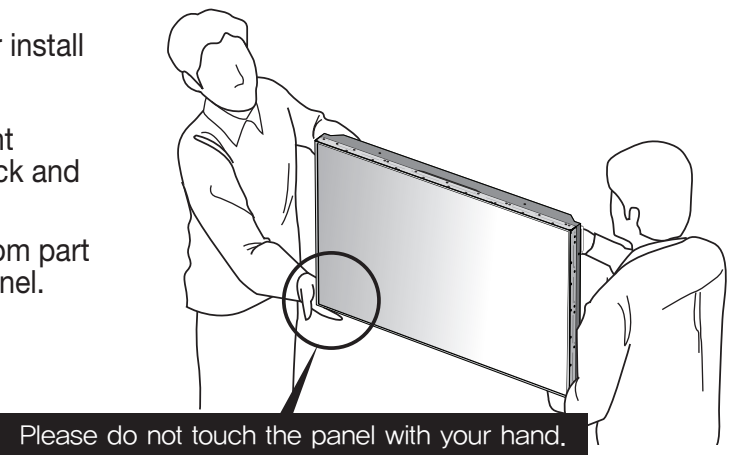
- Shock/Impact on the set's sides will result in internal circuit damages.
- The edge/bottom of the panel are fragile. Use shock-absorbing pads or rugs for laying down the product.



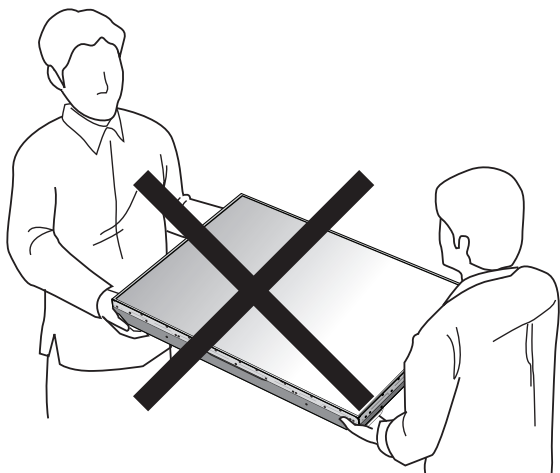
- Please do not stand LCD alone. It may fall or slip off and Panel can be broken or damaged.
- Please do not lean over the LCD. It may damage the bottom part of the LCD.
- Please do not lean over the LCD toward the edge part. It may damage the edge part of the LCD.

※How to carry PS5580

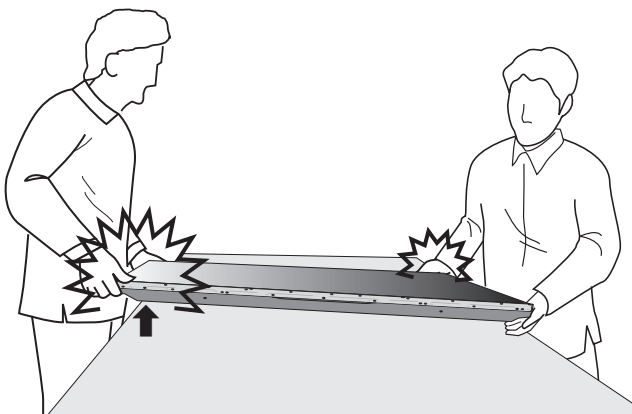
It always needs two persons to carry or install PS5580 .  
When you carry PS5580 with up straight manner, please hold handles on the back and bottom part of the panel together.  
Please be careful not to touch the bottom part of the panel when you put down the panel.



Don't carry PS5580 in Horizontal Status.



When two operators uphold PS5580, Panel is twisted by unbalanced handling.



※Application information

If static images are displayed on the screen for a long time, it causes burn-in image. Please keep the following instruction to optimize the lifetime and functions of the product.

1. Operating condition

- Temperature: 20 ± 15°C
- Humidity: 55 ± 20 %
- Display pattern: moving picture or regular switchover display
- Environmental condition : Well ventilated place is recommended.
- Power off and screen saver : Periodical power-off or screen saver is needed after long-term static display.

※Note : Moving picture or black pattern is strongly recommended for screen saver.

2. Operating methods to minimize burn-in image due to long-term static information display

- For optimal performance, we suggest turning off the LED power on the Planar PS5580 for four hours per day
- Periodical display contents change from static image to moving picture.
- Periodical background color and character (image) color change

| DEPARTURE  |       |      | DEPARTURE  |       |      |
|------------|-------|------|------------|-------|------|
| Flight No. | Time  | Gate | Flight No. | Time  | Gate |
| UA 012     | 11:20 | A02  | UA 012     | 11:20 | A02  |
| KE 732     | 12:10 | K17  | KE 732     | 12:10 | K17  |
| AN 291     | 12:45 | F11  | AN 291     | 12:45 | F11  |

- Change the images of little luminance difference between the background and characters, periodically.

| DEPARTURE  |       |      | DEPARTURE  |       |      | DEPARTURE  |       |      | DEPARTURE  |       |      |
|------------|-------|------|------------|-------|------|------------|-------|------|------------|-------|------|
| Flight No. | Time  | Gate | Flight No. | Time  | Gate | Flight No. | Time  | Gate | Flight No. | Time  | Gate |
| UA 012     | 11:20 | A02  | UA 012     | 11:20 | A02  | UA 012     | 11:20 | A02  | UA 012     | 11:20 | A02  |

- It is not recommended to display the images of huge luminance difference between the background and characters or the images of grey tone.

| ARRIVAL    |       |      |         | ARRIVAL    |       |          |         |
|------------|-------|------|---------|------------|-------|----------|---------|
| Flight No. | Time  | Gate | Delay   | Flight No. | Time  | Embark   | Delay   |
| AA 213     | 9:20  | K11  | On time | AA 213     | 9:20  | New York | On time |
| OZ 621     | 11:25 | G21  | 10 min. | OZ 621     | 11:25 | Seoul    | 10 min. |
| JA 032     | 12:05 | A19  | On time | JA 032     | 12:05 | Beijing  | On time |

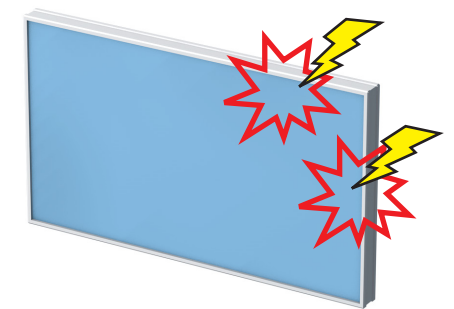
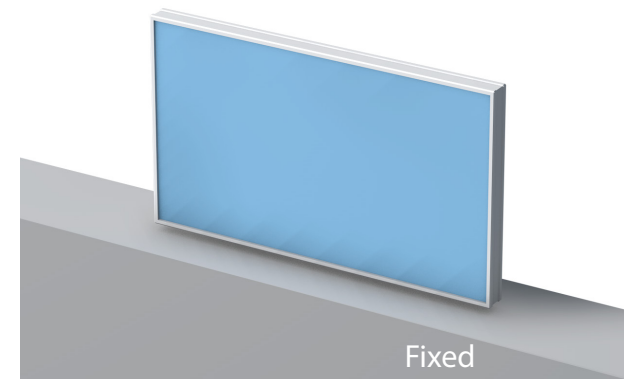
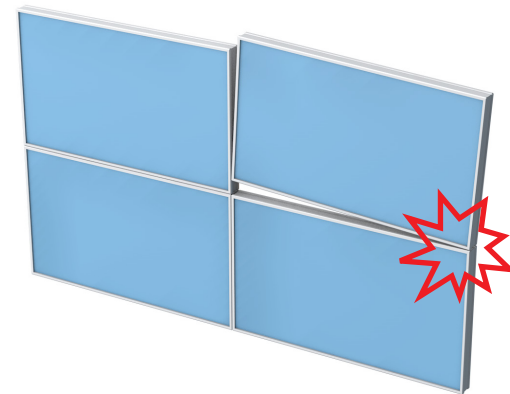
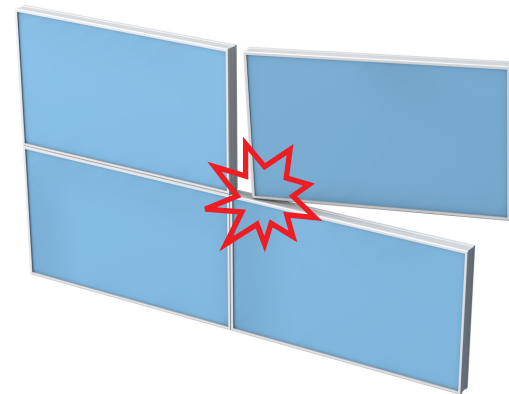
- Scroll the characters periodically.

| DEPARTURE  |       |      | DEPARTURE  |       |      | DEPARTURE  |       |      |
|------------|-------|------|------------|-------|------|------------|-------|------|
| Flight No. | Time  | Gate | Flight No. | Time  | Gate | Flight No. | Time  | Gate |
| UA 012     | 11:20 | A02  | UA 012     | 11:20 | A02  | UA 012     | 11:20 | A02  |
| KE 732     | 12:10 | K17  | KE 732     | 12:10 | K17  | KE 732     | 12:10 | K17  |
| AN 291     | 12:45 | F11  | AN 291     | 12:45 | F11  | AN 291     | 12:45 | F11  |

(Whole Screen Scroll)



## ※ Attention for Installing



- Avoid giving a shock or damage at LCM corner or other parts during setting Multi-Vision.

- Keep all LCMs balanced in vertical or horizontal force after setting
- Multi-Vision. Avoid LCM is set up tilted so it can give a damage to down LCM.

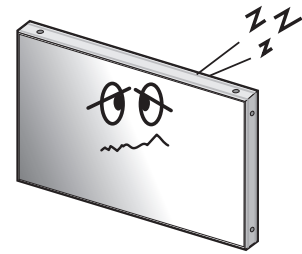
- Avoid that LCM is twisted.

- Avoid that LCM outside is shocked or damaged by sharp thing.

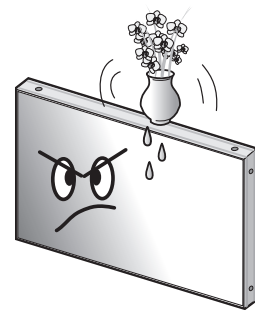


# 1. Safety Precautions

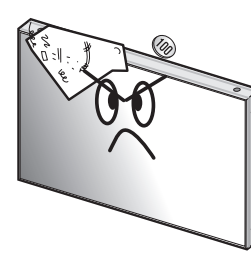
- If it operates abnormally, stop using it immediately.



- Do not place any liquid-containing container on it. If the inside is wet, it may cause electric shock or fire.



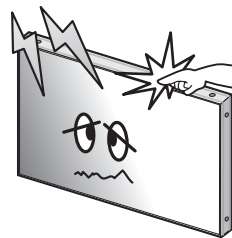
- Do not put any foreign material into the product. It may cause a failure or shorten the life span.



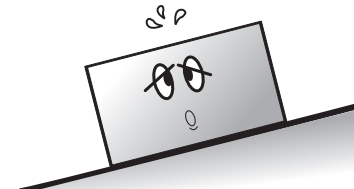
- Please refer to a specialized construction company for installing stand or wall mount unit. Otherwise, damage or injury may be caused.



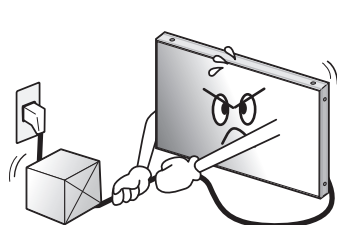
- Do not touch the device when lightning strikes.



- Do not install in an unstable location. It may cause injury.



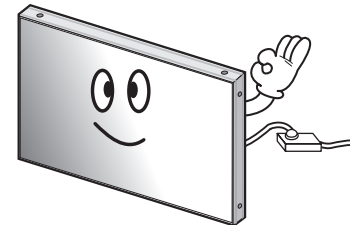
- Avoid any action to damage the power cord or power plug. It may cause fire or electric shock.



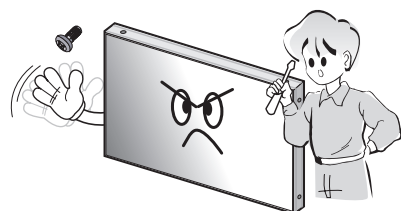
- Do not pull out the power plug with a wet hand. It may cause electric shock.



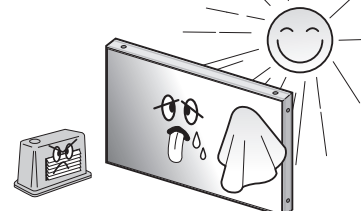
- Do not exceed ratings of AC outlet or extension cords. It may cause failure.



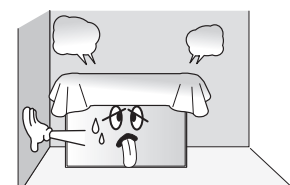
- Do not alter (or disassemble) the product. It may cause electric shock since high voltage is flowing inside.



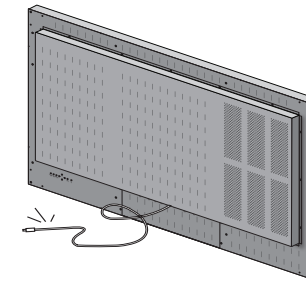
- Do not install the product where it may be exposed to direct sunlight or near any heating device. It may shorten the product's life span or cause failure.



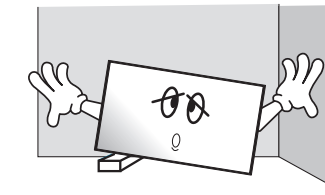
- Make sure the product is not covered with any object. If the ventilation hole is blocked, the inside temperature may rise to cause overheating resulting in fire.



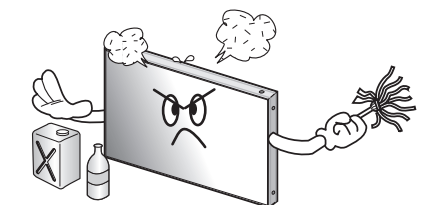
- Do not pull out or hang down the connection cable. It may damage the cord to cause fire or electric shock.



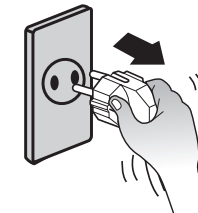
- Do not lean against the product or keep it leaned. It may cause injury or failure.



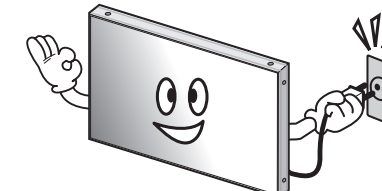
- Do not put it at any place with much humidity, dust, oil, smoke or steam. It may cause failure.



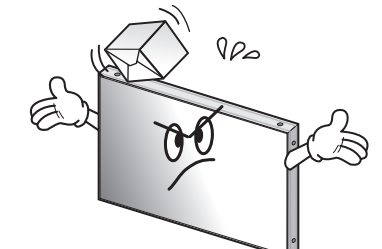
- Pull out the power plug by holding the plug. Otherwise, it may damage the power cord to cause fire or electric shock.



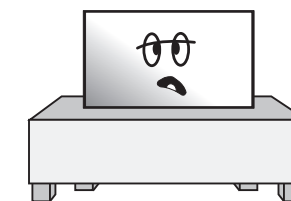
- If you do not want to use the product for a long time, keep the power plug unplugged to save electricity.
- The socket-outlet should be installed near the equipment and be easily accessible.



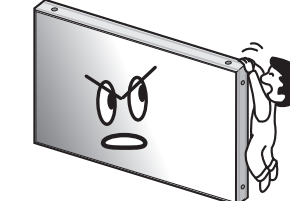
- Do not put any heavy object on it. It may cause failure.



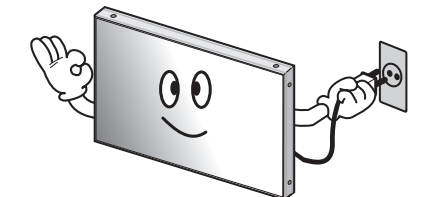
- Install the product on safe and flat surface.



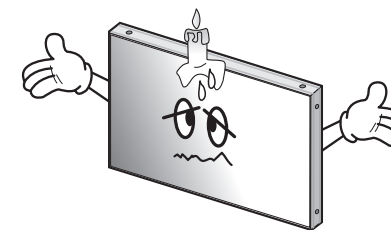
- Do not ride or step on the product. It may cause breakage when fallen down.



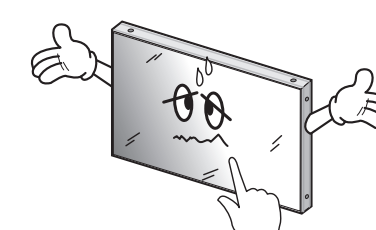
- When moving it, disconnect the connecting cable. Otherwise, it may damage the cable to cause fire or electric shock.



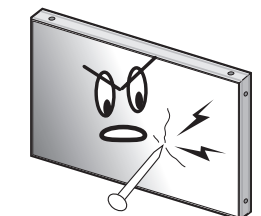
- Do not put candles on the product. If the liquid flows inside the product. It may cause electric shock or fire.



- Do not touch product's front surface with hand. Otherwise, the image quality can be lowered.



- Do not poke the front screen with sharp material. It may damage the screen and may cause malfunction of the product.

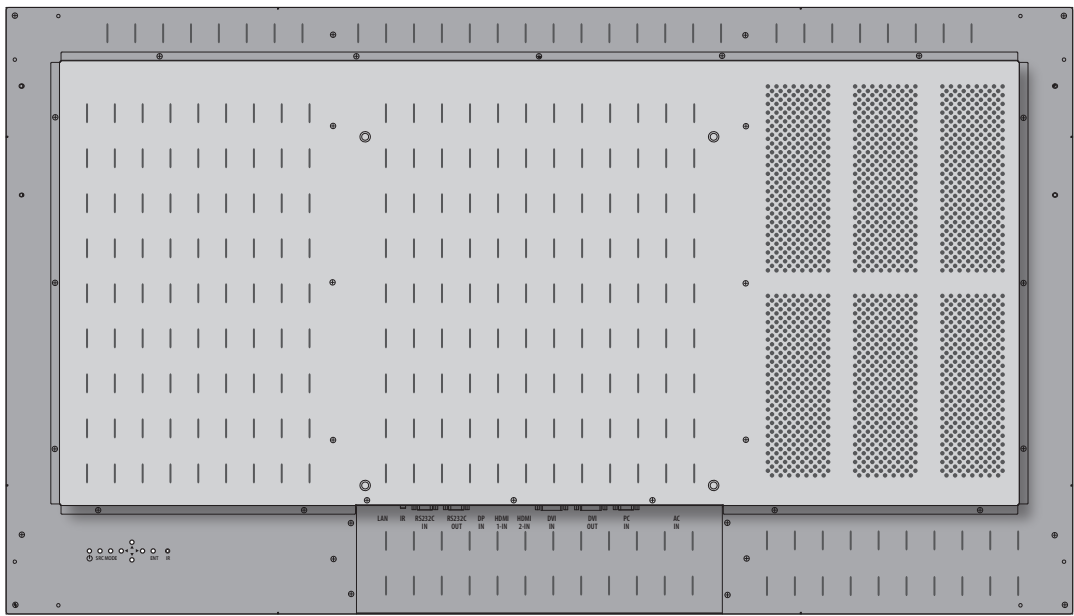


## 2. Names

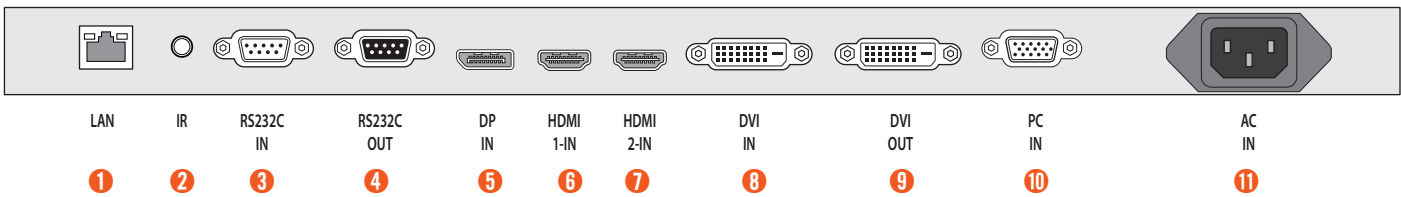
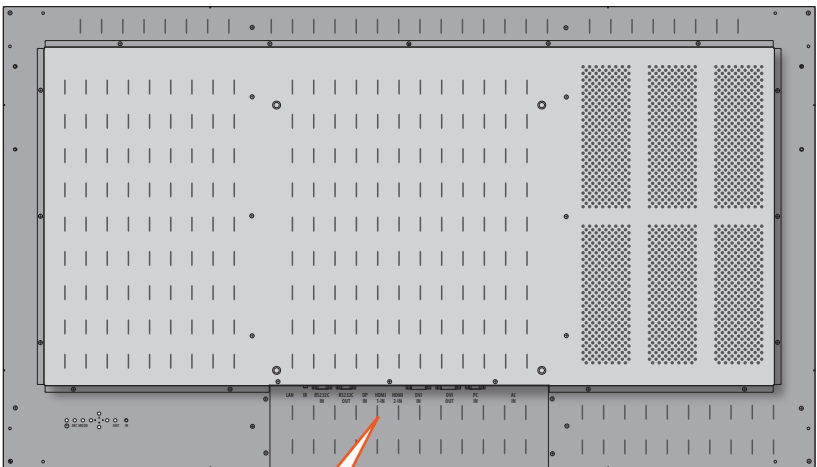
### ▶ Front



### ▶ Rear



### ▶ Input Ports



**1. LAN**  
Display control via Ethernet (RJ45)

**2. IR**  
Remote controller input port

**3. RS-232C IN**  
Display control via COM port  
(D-Sub 9pin)

**4. RS-232C OUT**  
Display control via COM port  
(D-Sub 9pin)

**5. DP IN**

**6. HDMI 1-IN**

**7. HDMI 2-IN**

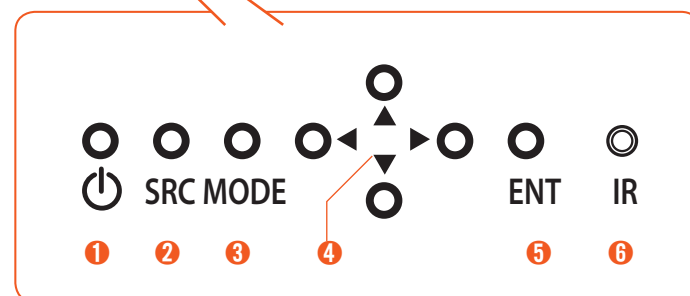
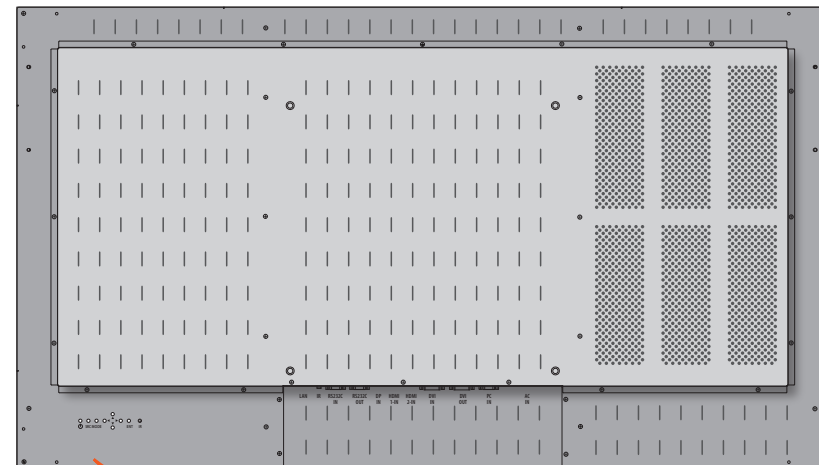
**8. DVI IN**  
Digital RGB Signal,  
DVI Single Link 24Pin

**9. DVI OUT**  
Digital RGB Signal,  
DVI Single Link 24Pin

**10. PC IN**  
Analog RGB Signal,  
D-sub 15pin

**11. AC IN**  
AC 100V ~ 240V, 50/60Hz

## ► KEY PAD



### 1. PWR (Power)

Turn on or off the display.

### 2. SRC (Input source selection)

Select HDMI input.

### 3. MODE (MENU)

Turn on or off the menu or select adjust menu.

### 4. Direction (up, down, left and right)

Move up, down, left or right direction on the menu screen.

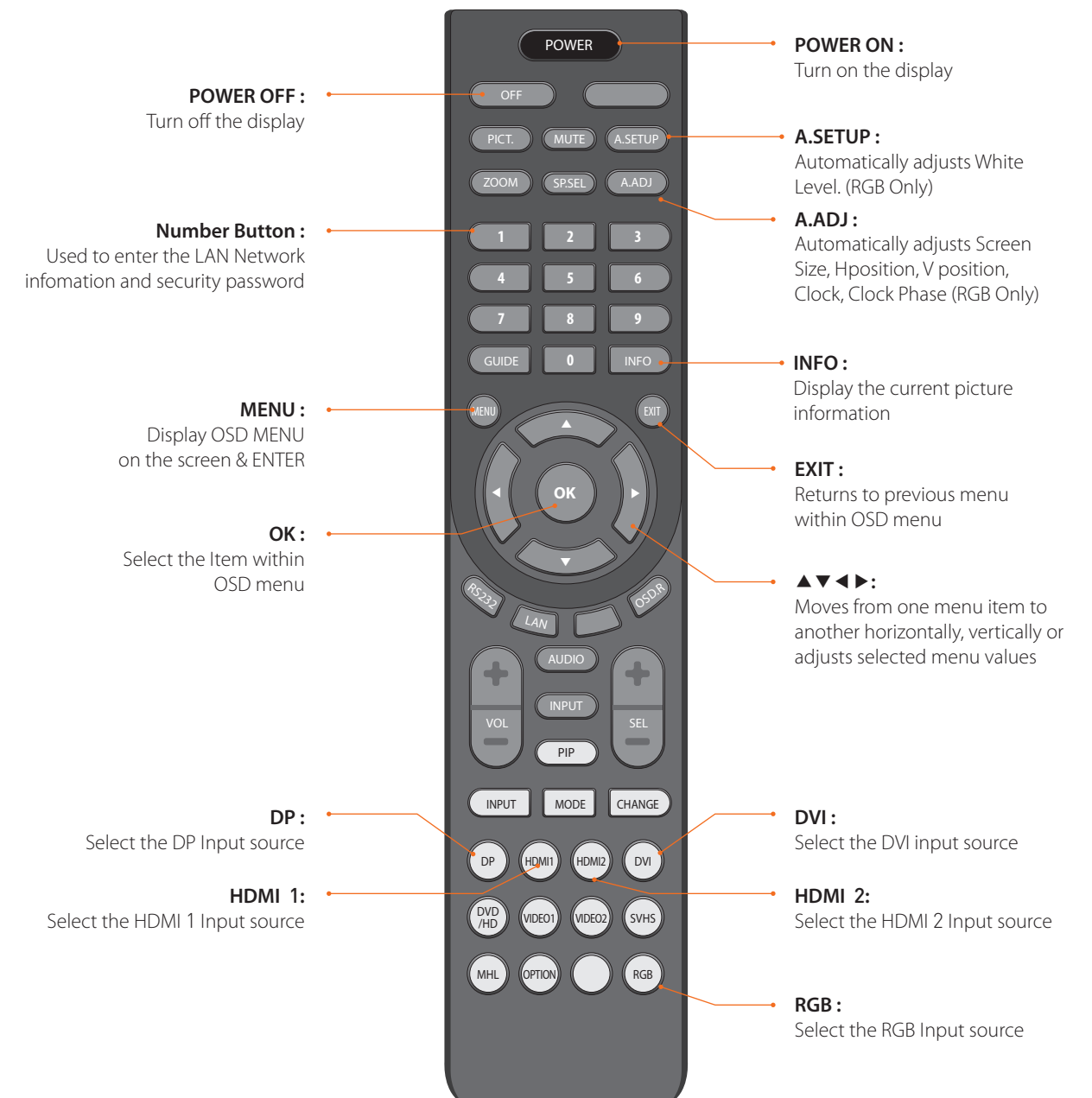
### 5. ENT (Enter)

Select adjustment.

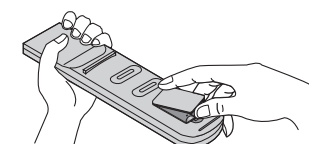
### 6. IR (IR Reception)

Receive the IR signal from remote controller

## ► Remote Controller



### Installing Batteries



- Open the battery compartment cover on the back side and insert the batteries with correct polarity.
- Install two 1.5V alkaline batteries of AAA type. Don't mix used batteries with new batteries.

### 3. How to Connect Cables

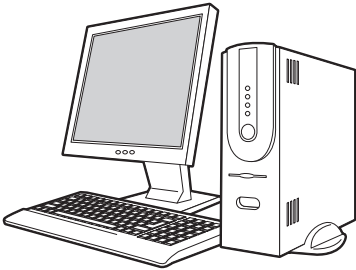
- Do not connect/disconnect cables while PS5580 or other external equipments are turned on.
- First turn off the power all the attached equipment and make connections.
- Make sure the power cord is inserted properly into the power inlet to prevent unexpected pullout of the cord.

#### 3.1. Connection of Single PS5580

- PS5580 and PC should be connected; a Com Port in a PC and RS-232C IN port in a PS5580 is connected with supplied RS-232C cable.
- If you do not have Com Port, you need to use an USB converter for RS-232C. Depending on manufacturers or models, converters may cause malfunction.



DVD player



Control PC

HDMICable ((Max. Length : 5m)  
DP Cable ((Max. Length : 5m)

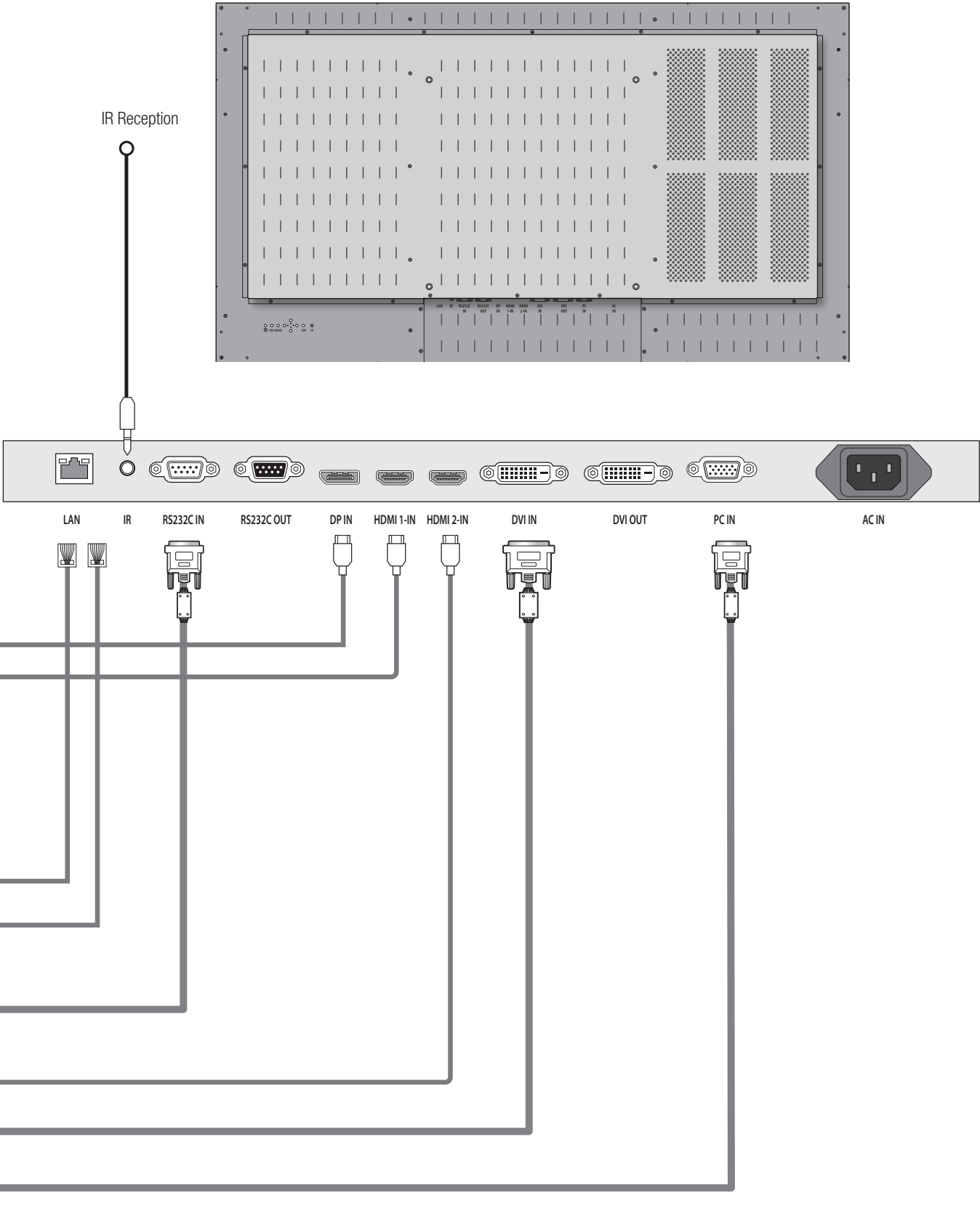
LAN Cable (Cross cable)  
LAN Cable (Direct cable)  
HUB or Router

RS-232 (Max. Length : 15mm)

HDMICable ((Max. Length : 5m)

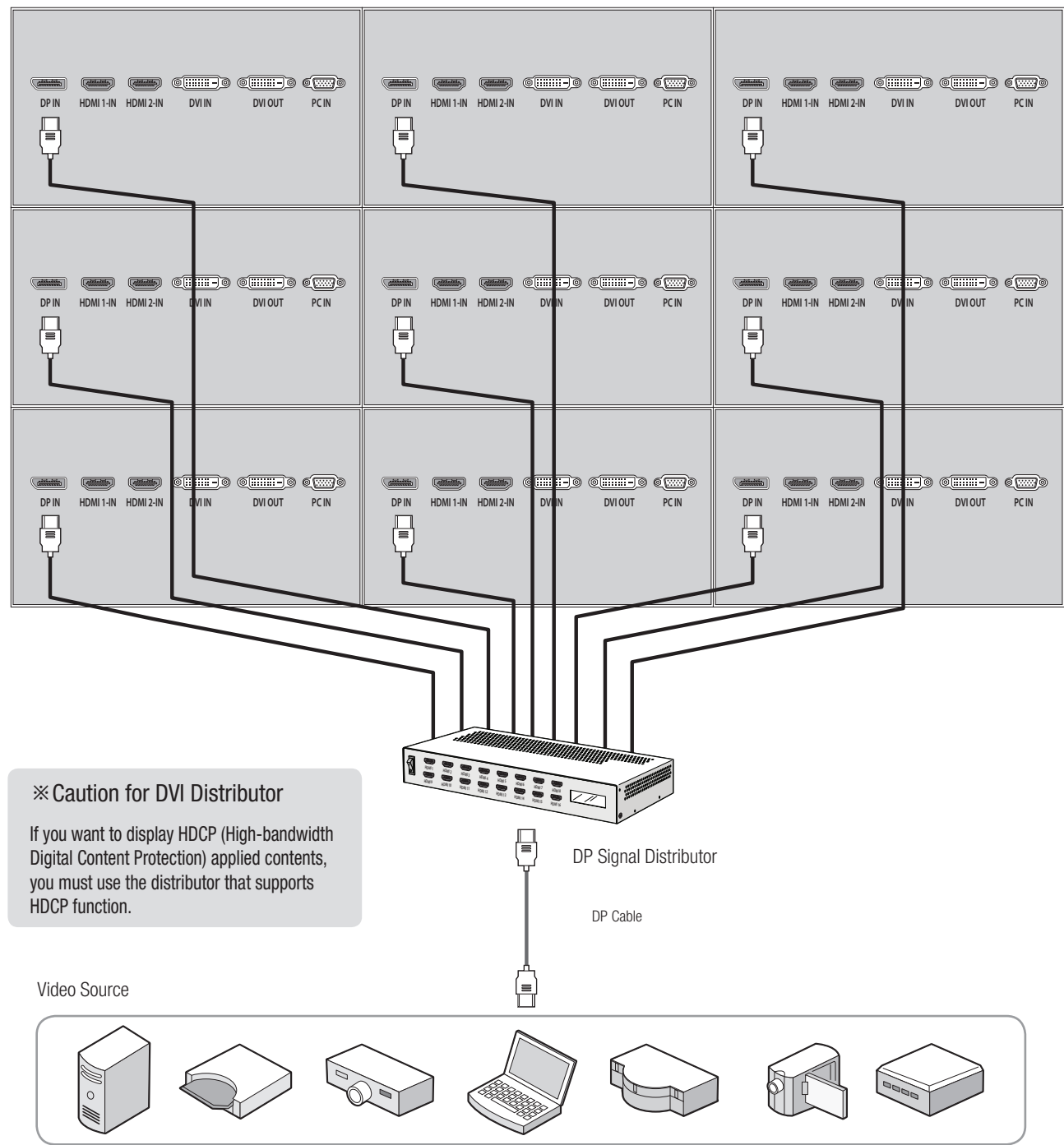
PC Connection (Maximum 5m)

DVI connection ((Max. Length : 5m)



3.2. Connection of Multiple PS5580 (for DP in)

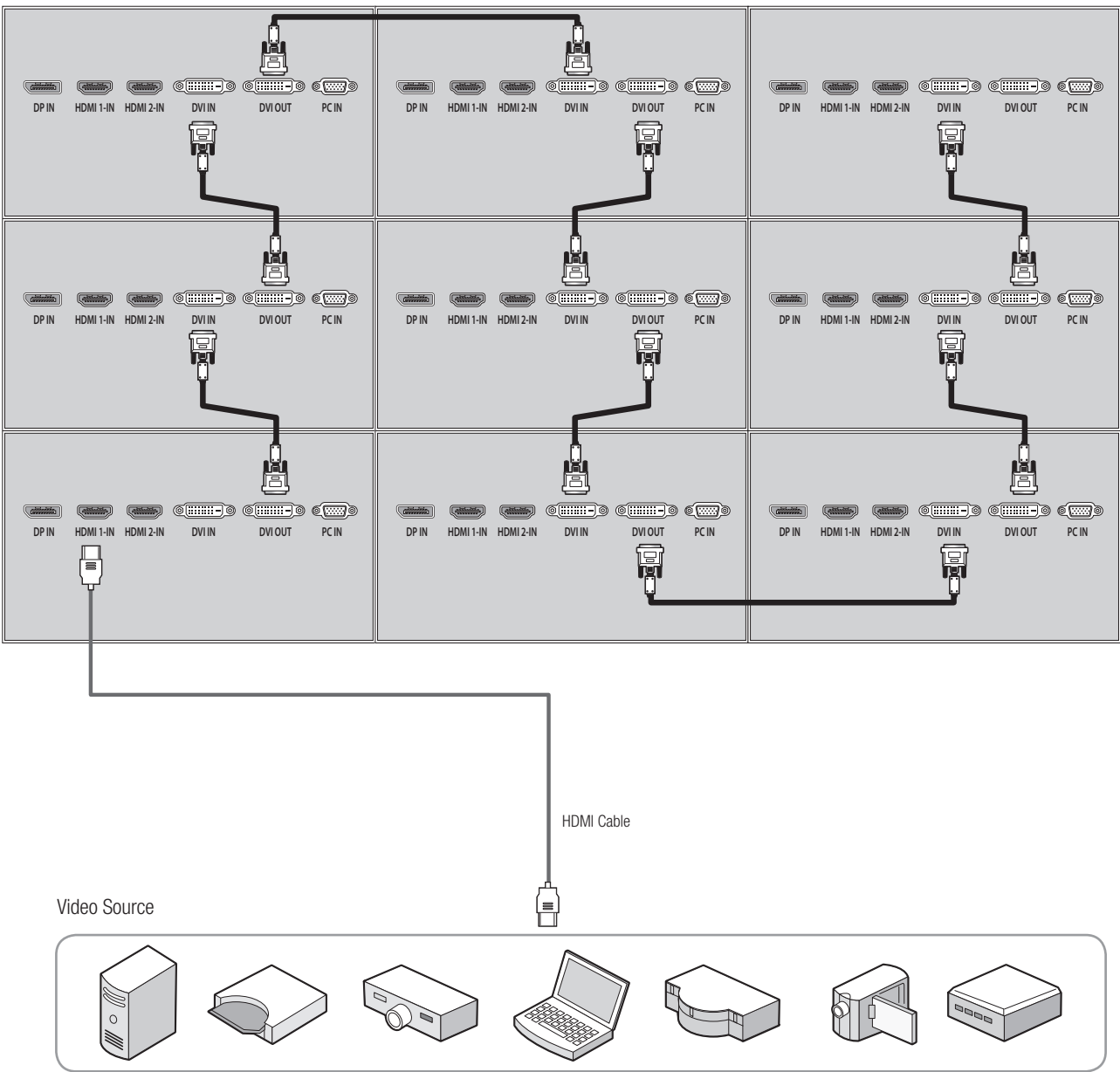
- Image quality can be affected by cable or signal quality.
- Please use DisplayPort cable with DisplayPort certified logo.
- Select DisplayPort cables feature a locking function. When removing this cable, hold down the top button to release the lock.



3.3. Connection of Multiple PS5580(for HDMI in)

- It is recommended you purchase an HDMI-certified cable. Otherwise, the screen may appear blank or a connection error may occur.
- Recommended maximum set connection for Multi setting is shown in table below.  
If you need to connect more than described in the table, you have to use distributors.
- Image quality can be affected by cable or signal quality.

| INPUT SOURCE | Resolution         | Output Port | Connection | Remark         |
|--------------|--------------------|-------------|------------|----------------|
| DVI          | 1600 x 1200 x 60Hz | DVI OUT     | 12 sets    | HDCP Available |

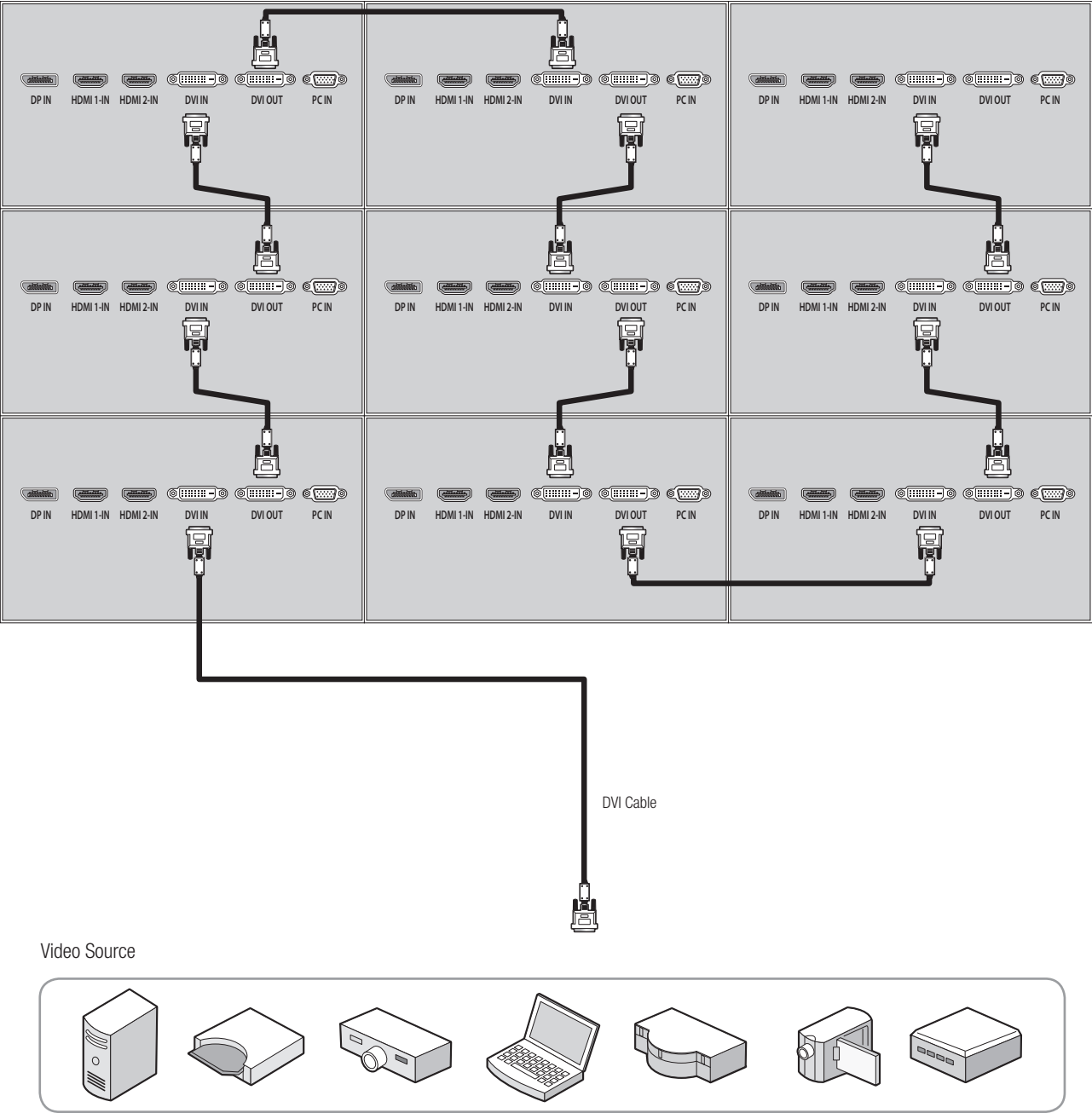




3.4. Connection of Multiple PS5580(for DVI in)

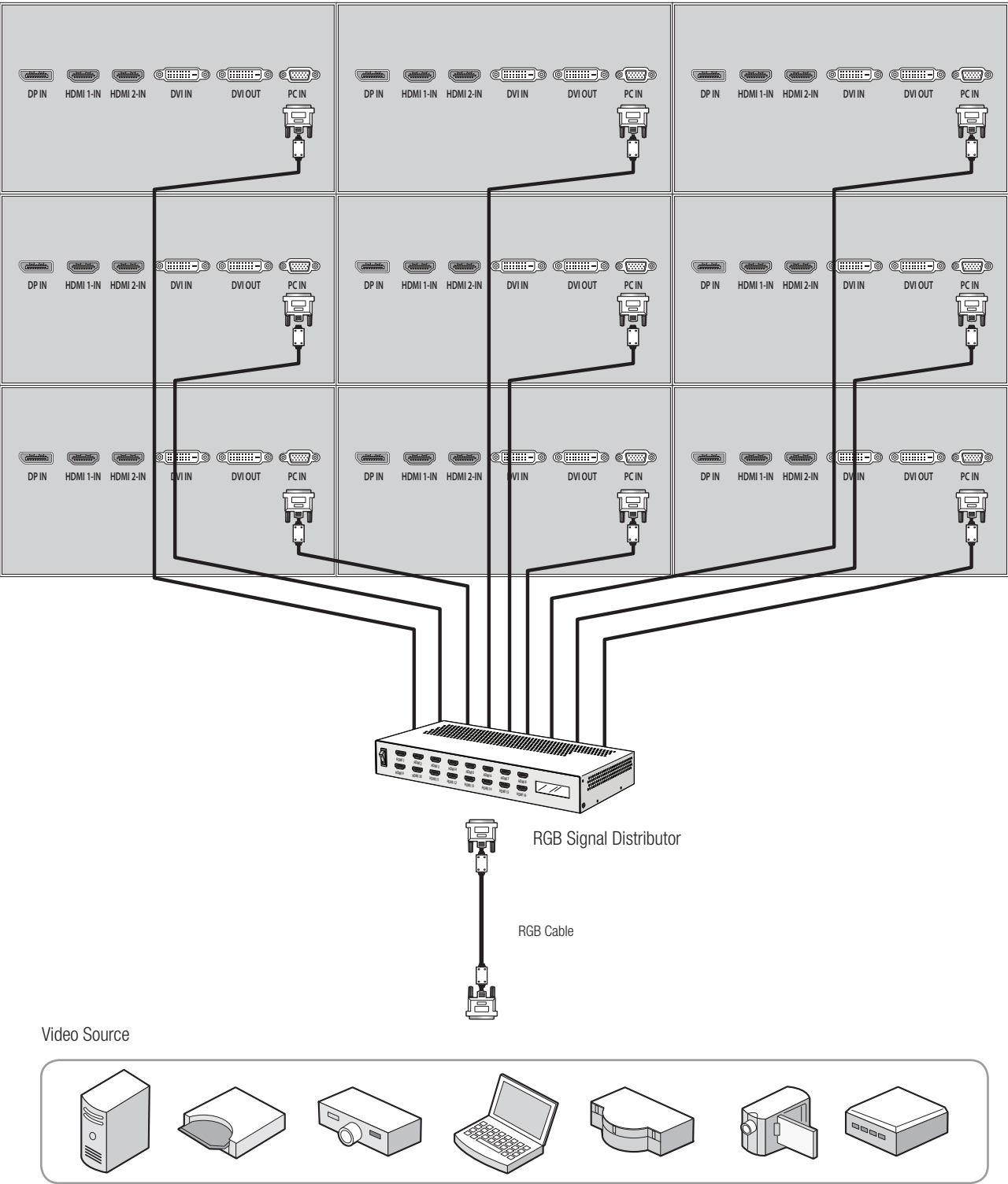
- Recommended maximum set connection for Multi setting is shown in table below.  
If you need to connect more than described in the table, you have to use distributors.
- Image quality can be affected by cable or signal quality.

| INPUT SOURCE | Resolution         | Output Port | Connection | Remark         |
|--------------|--------------------|-------------|------------|----------------|
| DVI          | 1600 x 1200 x 60Hz | DVI OUT     | 12 sets    | HDCP Available |



3.5. Connection of Multiple PS5580(for PC in)

- Image quality can be affected by cable or signal quality.

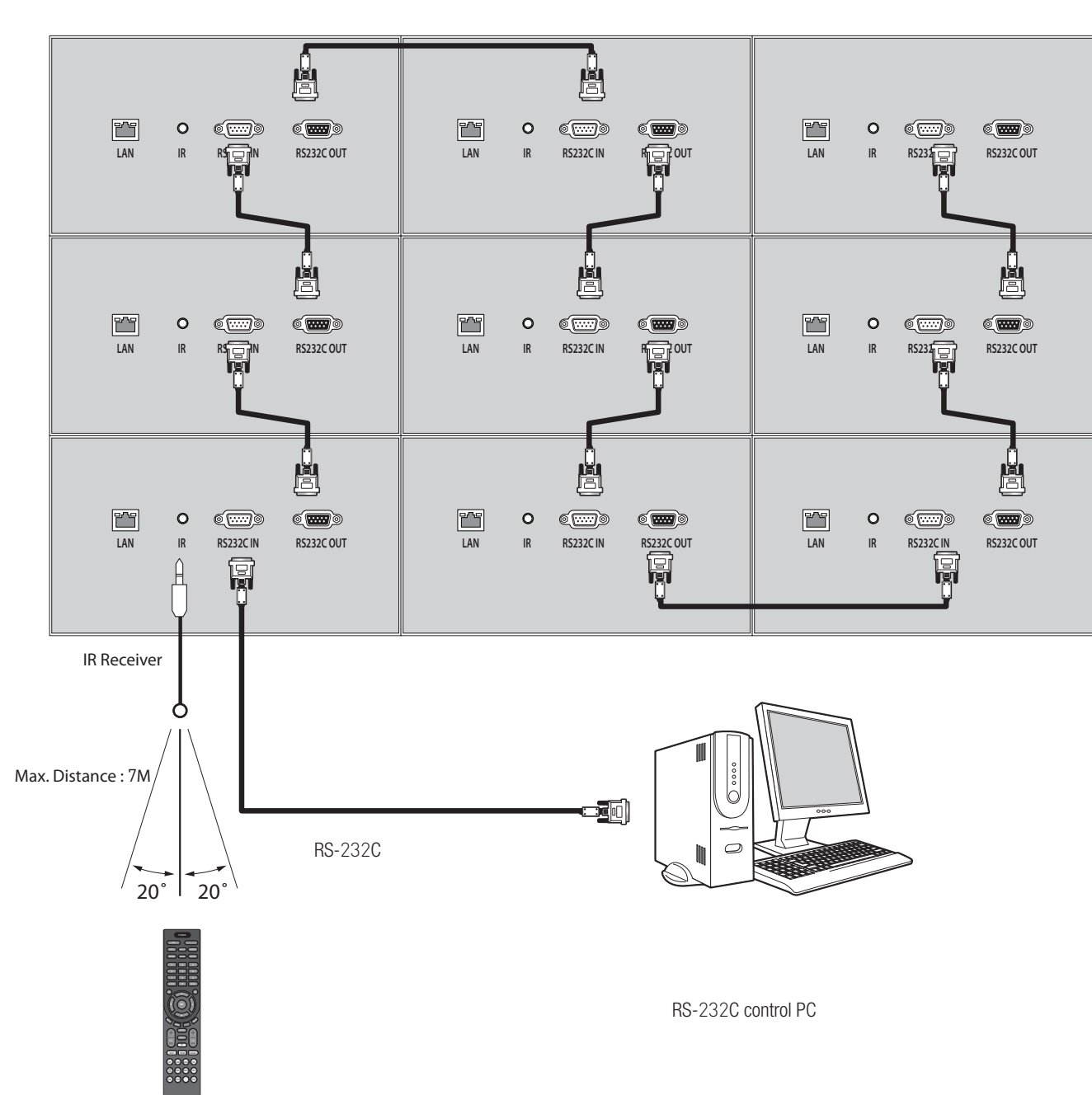


### 3.6. Connection of Control Cable

- Control signal transmission can be connected by 3 different methods.(RS-232C or Ethernet or IR)
- RS-232C and Ethernet connection cannot be used simultaneously.
- All control signals are output to the RS-232OUT after conversion to RS-232C signal.

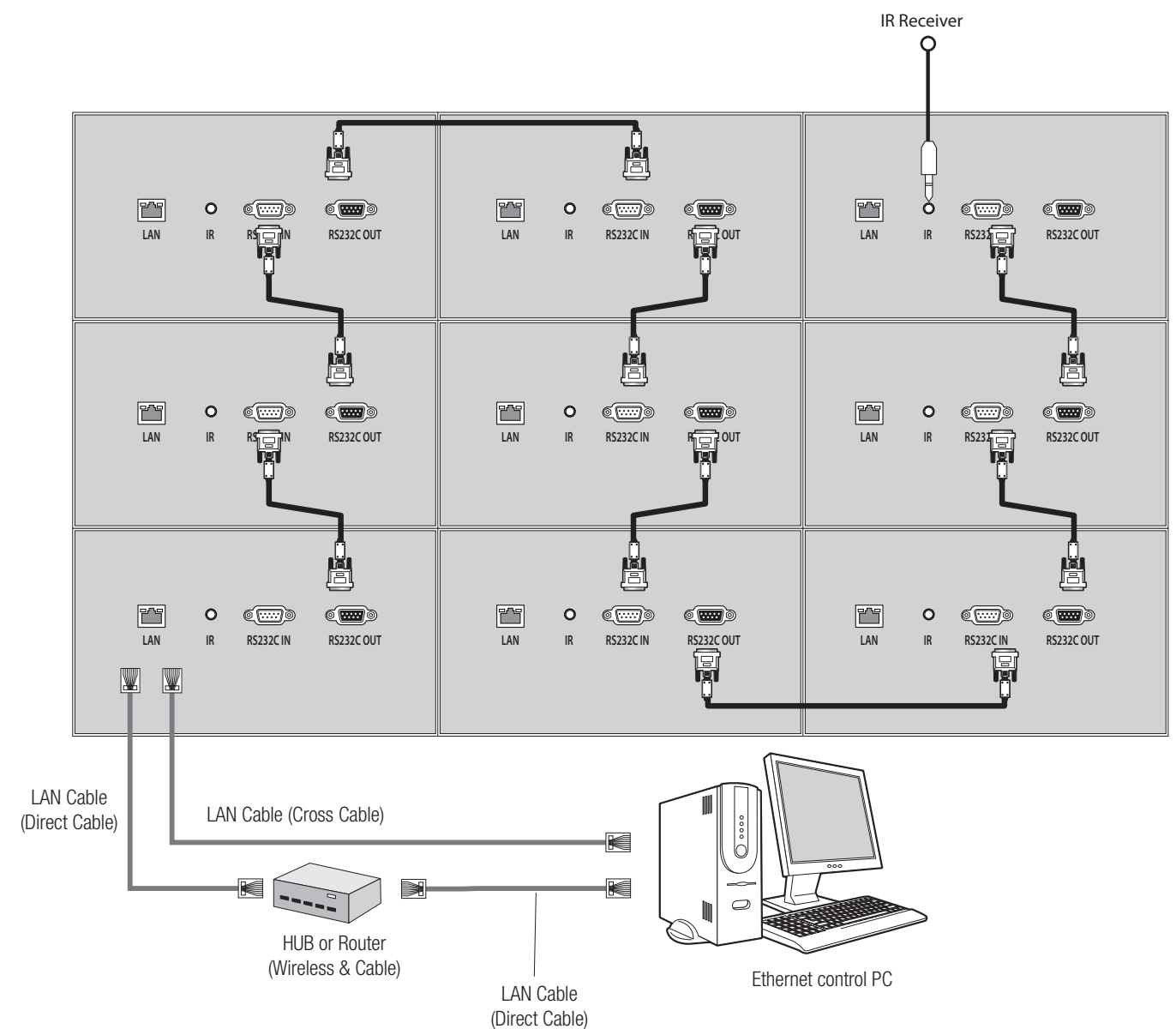
#### 3.6.1. Connection of RS-232C Cable & IR Receiver

- Maximum use of RS-232C with Daisy Chain connection is 30 sets or less, if you need additional connection, use RS-232C distributor.



#### 3.6.2. Connection of Ethernet Cable

- In case of Ethernet connection, the control PC should be connected to one of PS5580 sets with Ethernet cable. For the connection between the PS5580 sets, they should be connected with RS-232C cables.



# 4. How to use Remote Controller



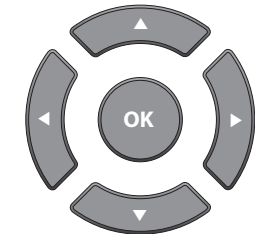
## 1. MENU button

- OSD MENU will be displayed by pressing MENU button.
- Moves from sub menu to the main menu.



Main Menu

## 2. Direction buttons & OK Button



- ◀▶ buttons : Select the highlighted items or Moves from one menu item to another horizontally.
- ▼▲ buttons : Acts as button to move the highlighted area up or down to select adjustment items within OSD menu. Adjust the selected adjustment item.
- OK button : Select the highlighted item.

## 3. EXIT button

- Press EXIT button to exit from the MENU after adjustment.

## 4. INFO button

- The display information for the screen at the moment is displayed at the upper left corner of the screen.
- ex) Input HDMI 1



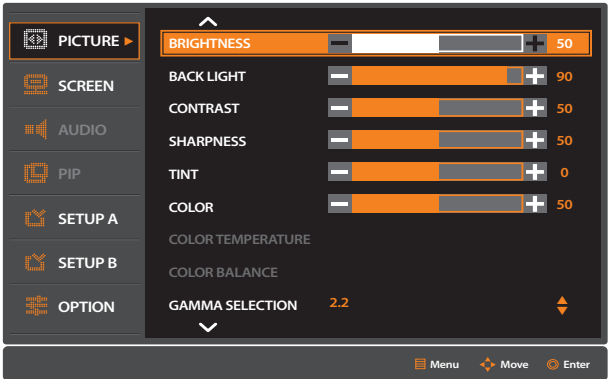
# 5. Configuration

## ■ PICTURE Mode

- BRIGHTNESS, CONTRAST, TINT, COROR, VIDEO MODE, and PICTURE RESET can be adjusted in the PICTURE MENU.

## 1. Press MENU button.

- Press MENU button to display OSD MENU on the screen.



## 2. Select PICTURE MENU.

- Press ▼ or ▲ buttons to move to PICTURE MENU.
- When PICTURE item is selected, press OK button to move to the picture menu.

## 3. Select the sub-menu.

- Press ▼ or ▲ buttons to move to sub-menu.
- When sub-menu item is selected, press OK button to adjust the sub-menu.

## 4. Adjust the value.

- Each of the value can be adjusted by pressing ▼▲ buttons.

## 5. Exit from the MENU

- Press EXIT button to getting out of OSD MENU.

## 6. Move to Main MENU

- Press MENU button to move the Main Menu.

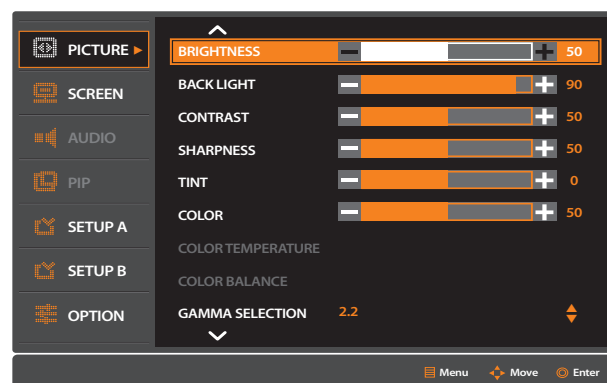


## ► BRIGHTNESS

- Adjust the overall image and background brightness.

### 1. Select BRIGHTNESS from PICTURE Menu.

- Select BRIGHTNESS and move ▼▲ buttons to adjust the value.



### 2. EXIT MENU

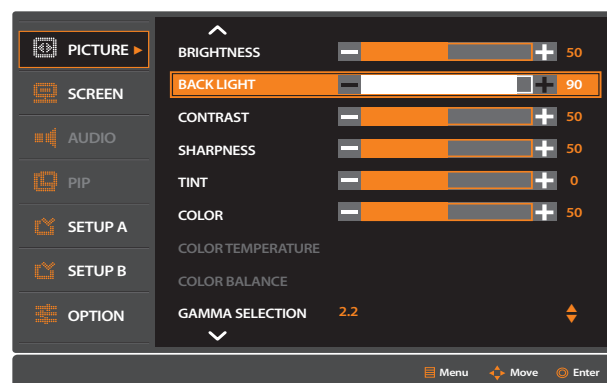
- Press Exit button to exit from the menu after adjusting the value.

## ► BACK LIGHT

- Adjust the Backlight brightness ca.

### 1. Select BACK LIGHT from PICTURE Menu.

- Select BACK LIGHT and move ▼▲ buttons to adjust the value.



### 2. EXIT MENU

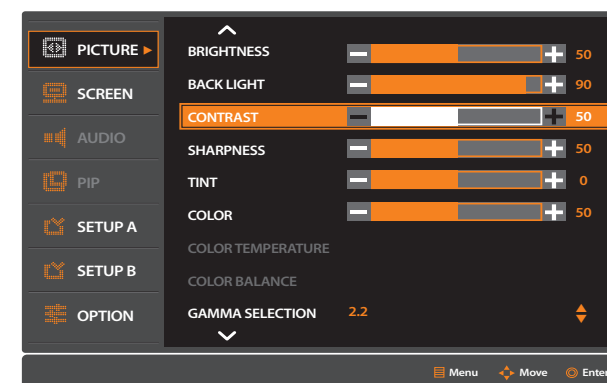
- Press Exit button to exit from the menu after adjusting the value.

## ► CONTRAST

- Adjust the image brightness in relationship to the background.

### 1. Select CONTRAST from PICTURE menu.

- Select CONTRAST and move ▼▲ buttons to adjust the value.



### 2. EXIT MENU

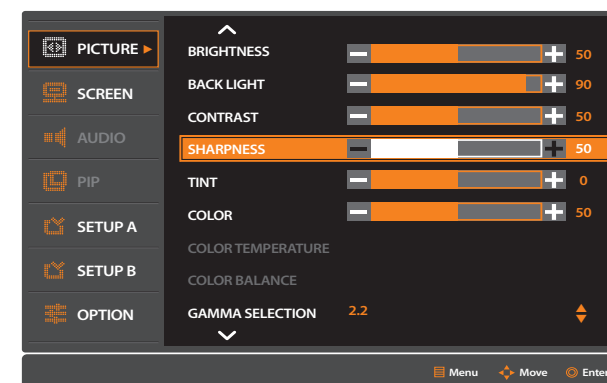
- Press Exit button to exit from the menu after adjusting the value.

## ► SHARPNESS

- Adjust the crispness of the image.

### 1. Select SHARPNESS from PICTURE menu.

- Select SHARPNESS and move ▼▲ buttons to adjust the value.



### 2. EXIT MENU

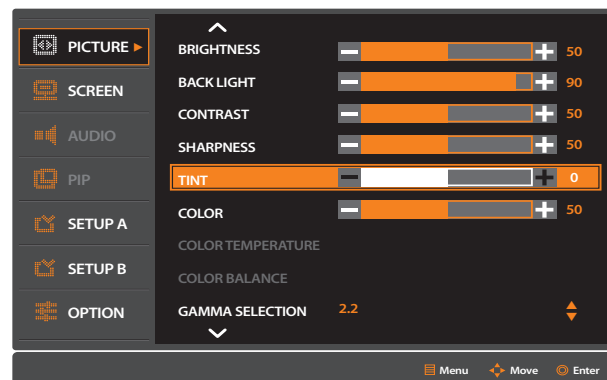
- Press Exit button to exit from the menu after adjusting the value.

## ► TINT

- Adjust Red and Green color of the screen.

### 1. Select TINT from PICTURE Menu.

- Select TINT and move ▼▲ buttons to adjust the value.



### 2. EXIT MENU

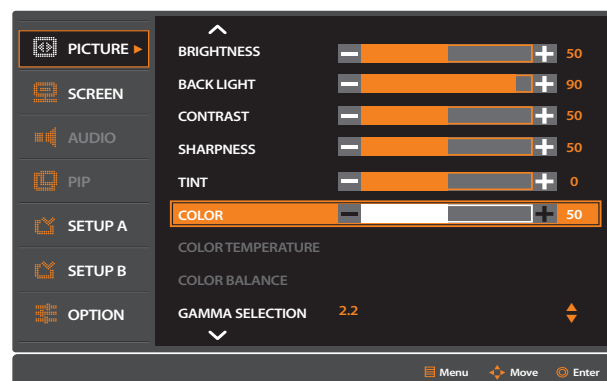
- Press Exit button to exit from the menu after adjusting the value.

## ► COLOR

- Adjust the depth of the screen color.
- The depth of color will be thicker as the value goes higher.
- As the value goes lower, the depth of color will be getting thinner and go to black and white.

### 1. Select COLOR from PICTURE Menu.

- Select COLOR and move ▼▲ buttons to adjust the value.



### 2. EXIT MENU

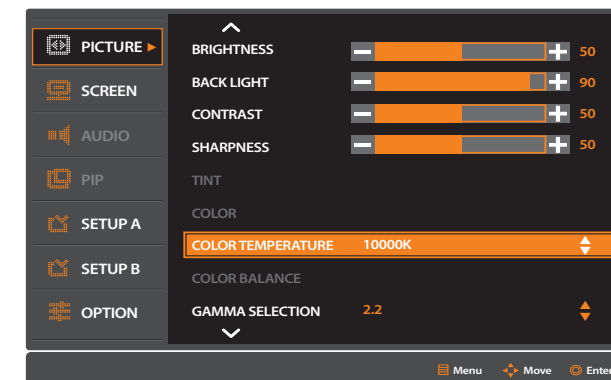
- Press Exit button to exit from the menu after adjusting the value.

## ► COLOR TEMPERATURE

- Adjust the color temperature of the screen.

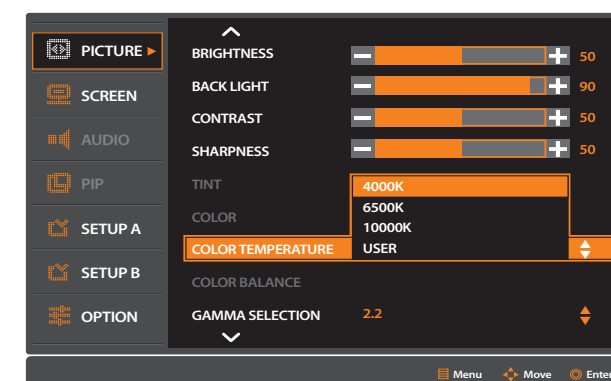
### 1. Select GAMMA SELECTION from PICTURE Menu.

- Select COLOR TEMPERATURE.



### 2. Select the desired Color Temperature .

- Select Color Temperature and move ▲▼ buttons to select a Color Temperature of your choice among 4000K, 6500K, 10000K, USER..



### 3. EXIT MENU

- Press Exit button to exit from the menu after adjusting the value.

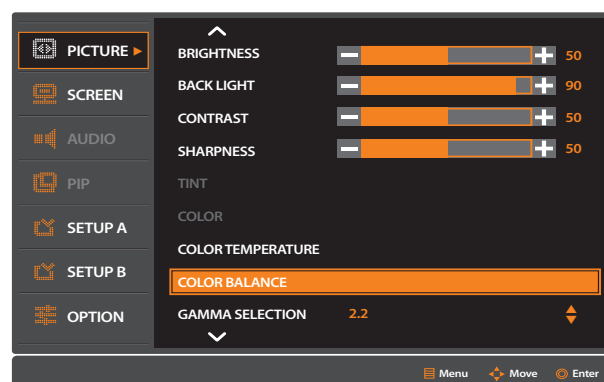


## ► COLOR BALANCE

- If Color TEMPERATURE needs further adjustment, the individual R/G/B levels of the white point can be adjusted.

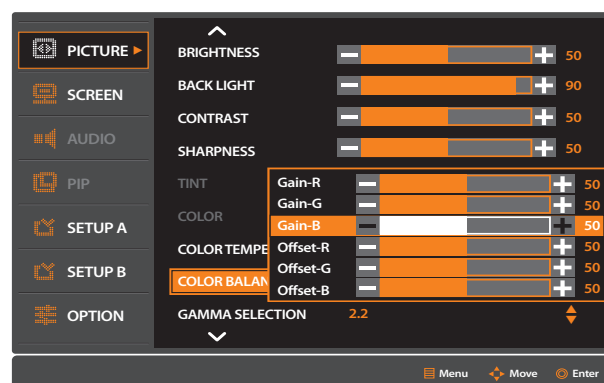
### 1. Select COLOR BALANCE from PICTURE Menu.

- Select COLOR BALANCE and move ▼▲ buttons to adjust the value.



### 2. Adjust COLOR BALANCE.

- Press ▼ or ▲ buttons to move to Gain-R, Gain-G, Gain-B, Offset-R, Offset-G, Offset-B



### 3. EXIT MENU

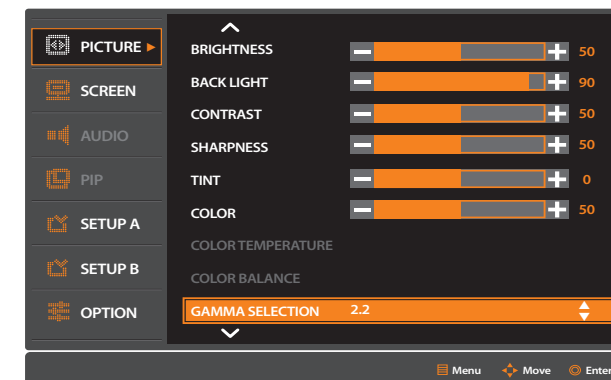
- Press Exit button to exit from the menu after adjusting the value.

## ► GAMMA SELECTION

- Select a display gamma for best picture quality.

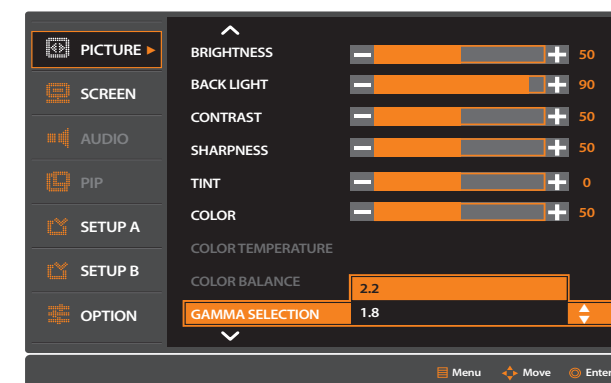
### 1. Select GAMMA SELECTION from PICTURE Menu.

- Select GAMMA SELECTION and move ▼▲ buttons to adjust the value.



### 2. Select the 1.8 Gamma or 2.2 Gamma.

- When highlighted area is moved to wanted adjustment item, press OK button.



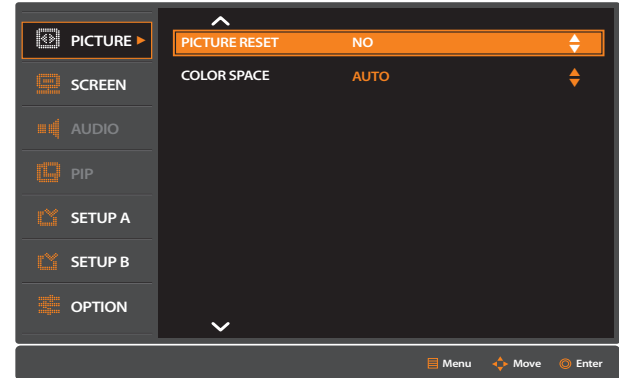
### 3. EXIT MENU

- Press Exit button to exit from the menu after adjusting the value.

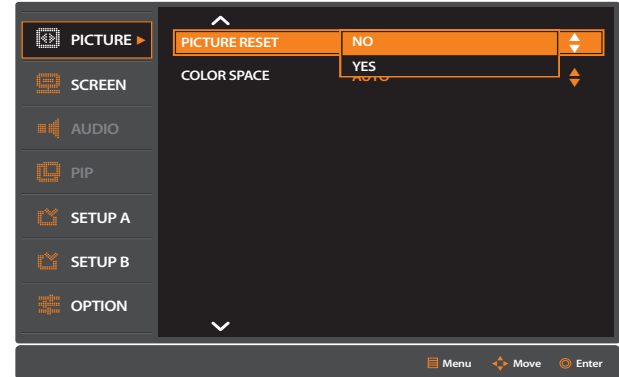
► PICTURE RESET

- Initialize the values of PICTURE MENU.

1. Select PICTURE RESET from PICTURE menu.
  - Press MENU button to display OSD.
  - Press ▼ or ▲ buttons to move to PICTURE RESET and press OK button.



2. Initialize the values
  - Select YES or NO for initializing PICTURE RESET menu.
  - Press ▼ or ▲ buttons to move to YES and press OK button to initialize the value.

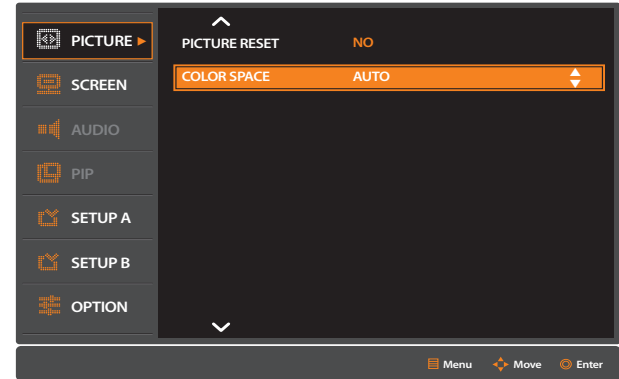


3. EXIT MENU
  - Press Exit button to exit from the menu after reset.

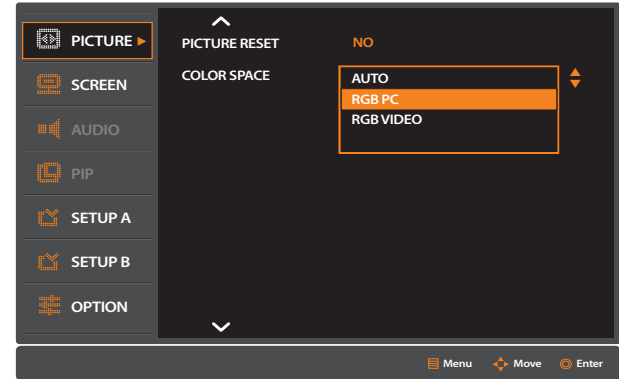
► COLOR SPACE

- Select a color space for best picture quality.

1. Select COLOR SPACE from PICTURE Menu.
  - Select COLOR SPACE and move ▼▲ buttons to adjust the value.



2. Select among the AUTO, RGB PC, RGB VIDEO.
  - When highlighted area is moved to wanted adjustment item, press OK button.



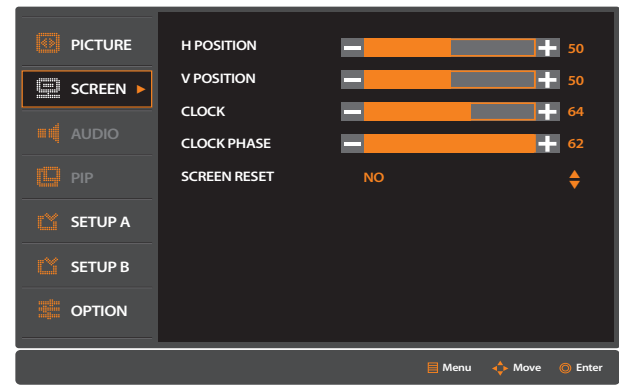
3. EXIT MENU
  - Press Exit button to exit from the menu after adjusting the value.

# ■ SCREEN Mode (For PC In )

- H POSITION, V POSITION, CLOCK, CLOCK PHASE and SCREEN RESET can be adjusted in the SCREEN MENU.



1. Press MENU button.
  - Press MENU button to display OSD MENU on the screen.

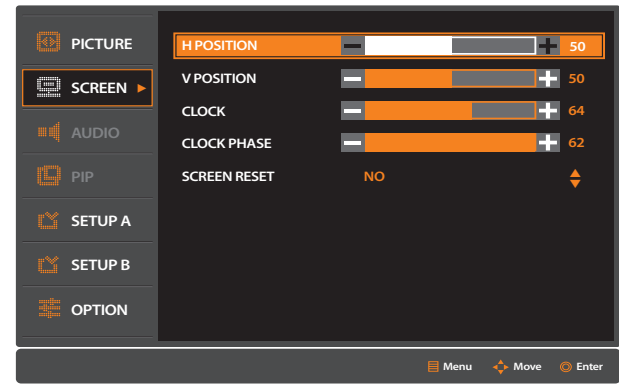


2. Select SCREEN MENU.
  - Press ▼ or ▲ buttons to move to SCREEN MENU.
  - When SCREEN item is selected, press OK button to move to the screen menu.
3. Select the sub-menu.
  - Press ▼ or ▲ buttons to move to sub-menu.
  - When sub-menu item is selected, press OK button to adjust the sub-menu.
4. Adjust the value.
  - Each of the value can be adjusted by pressing ▼▲buttons.
5. Exit from the MENU
  - Press EXIT button to getting out of OSD MENU.
6. Move to Main MENU
  - Press MENU button to move the Main Menu.

# ▶ H POSITION

- Adjust the horizontal position of the display image on the screen.

1. Select H POSITION from SCREEN menu.
  - Adjust H POSITION values with ▼▲ buttons after selecting H POSITION.

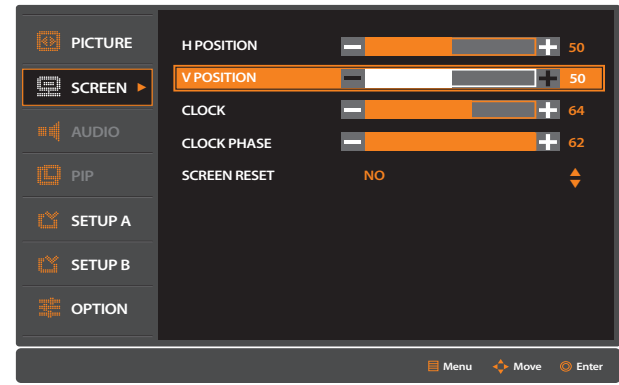


2. EXIT MENU
  - Press Exit button to exit from the menu.

# ▶ V POSITION

- Adjust the vertical position of the display image on the screen.

1. Select V POSITION from SCREEN menu.
  - Adjust V POSITION values with ▼▲ buttons after selecting V POSITION.

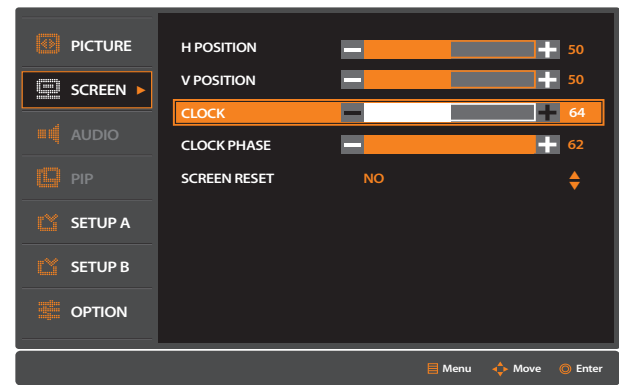


2. EXIT MENU
  - Press Exit button to exit from the menu.

► **CLOCK**

- Adjust the width of the display image on the screen.

1. **Select CLOCK from SCREEN menu.**
  - Adjust CLOCK values with ▼▲ buttons after selecting CLOCK.

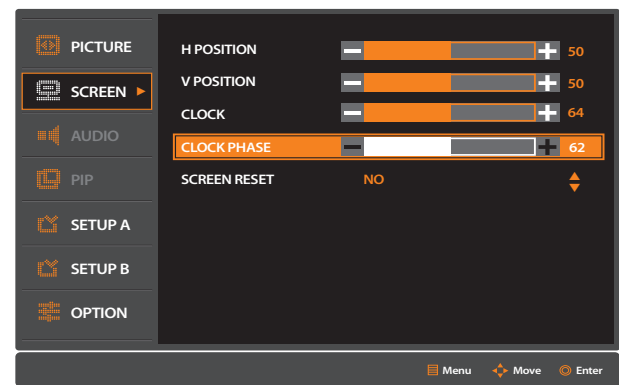


2. **EXIT MENU**
  - Press Exit button to exit from the menu.

► **CLOCK PHASE**

- Adjusts the visual “noise” on the image.

1. **Select CLOCK PHASE from SCREEN menu.**
  - Adjust CLOCK PHASE values with ▼▲ buttons after selecting CLOCK PHASE.

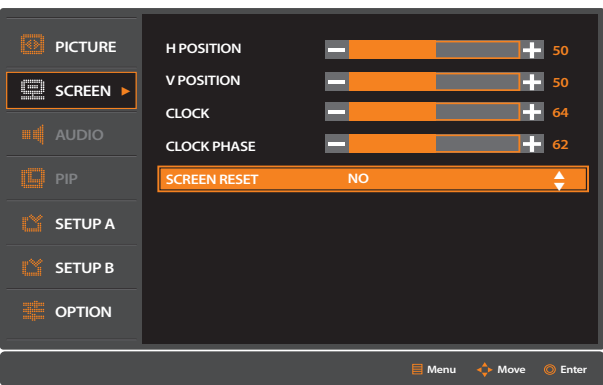


2. **EXIT MENU**
  - Press Exit button to exit from the menu.

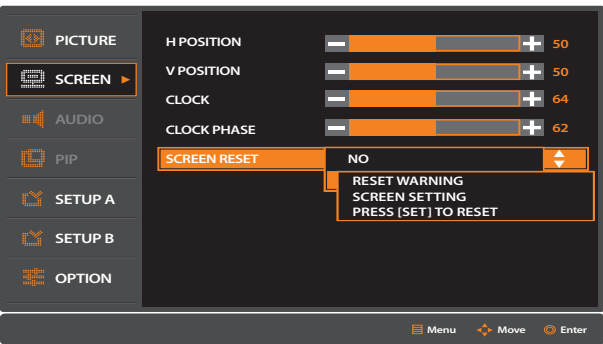
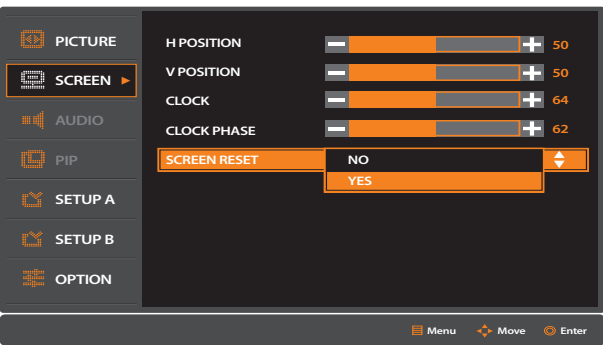
► **SCREEN RESET**

- Initialize the values of SCREEN MENU.

1. **Select SCREEN RESET from SCREEN menu.**
  - Press MENU button to display OSD.
  - Press ▼ or ▲ buttons to move to SCREEN RESET and press OK button.



2. **Initialize the previously adjusted values.**
  - Select YES or NO for initializing SCREEN menu.
  - Press ▼ or ▲ buttons to move to YES and press OK button to initialize the value.



3. **EXIT MENU**
  - Press Exit button to exit from the menu.

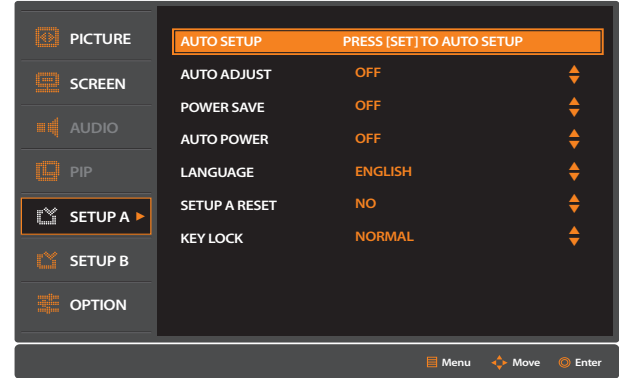
# ■ SETUP A Menu

- AUTO SETUP, AUTO ADJUST, POWER SAVE, AUTO POWER, LANGUAGE, SETUP A RESET and KEY LOCK can be adjusted in SETUP A MENU.



## 1. Press MENU button.

- Press MENU button to display OSD MENU on the screen.



## 2. Select SETUP A MENU.

- Press ▼ or ▲ buttons to move to SETUP A MENU.
- When SETUP A item is selected, press OK button to move to the SETUP A menu.

## 3. Select the sub-menu.

- Press ▼ or ▲ buttons to move to sub-menu.
- When sub-menu item is selected, press OK button to adjust the sub-menu.

## 4. Adjust the value.

- Each of the value can be adjusted by pressing ▼▲buttons.

## 5. Exit from the MENU

- Press EXIT button to getting out of OSD MENU.

## 6. Move to Main MENU

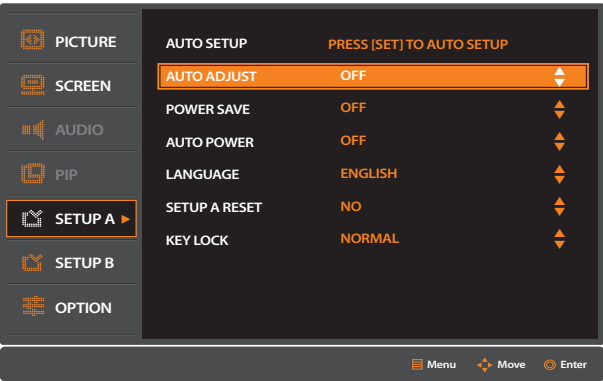
- Press MENU button to move the Main Menu.

# ▶ AUTO ADJUST (For PC IN)

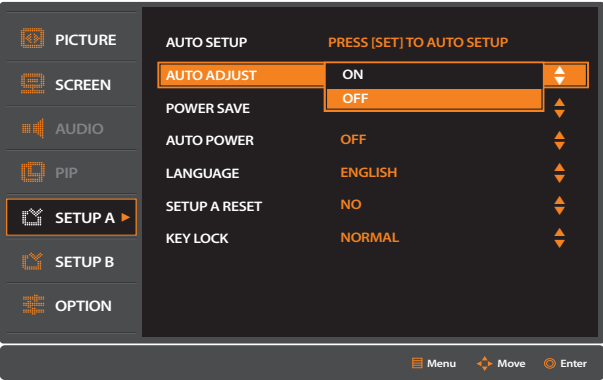
- Screen Size, H position, V position, Clock, Clock Phase can be adjusted automatically.

## 1. Select AUTO ADJUST from SETUP A menu .

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to AUTO ADJUST and press OK button.



- Select YES or NO for AUTO ADJUST.
- Press ▼ or ▲ buttons to move to YES and press OK button to adjust automatically.



## 2. EXIT MENU

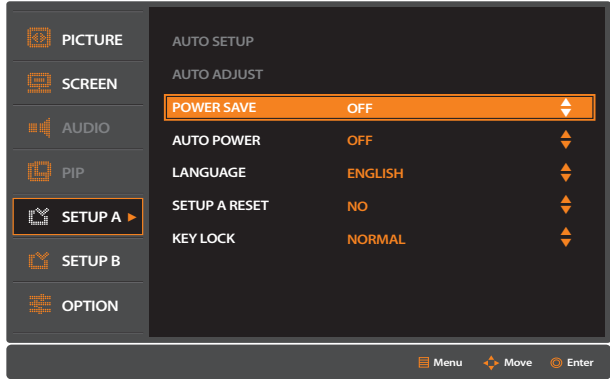
- Press Exit button to exit from the menu.

► **POWER SAVE**

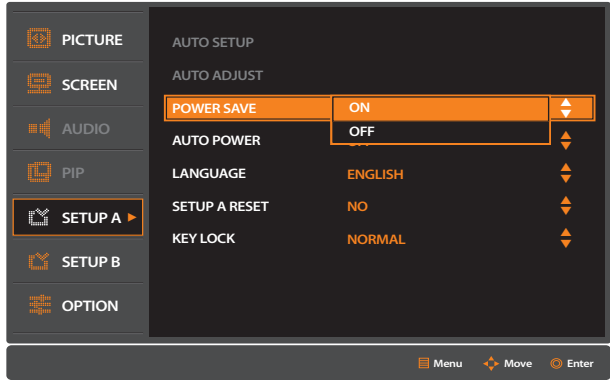
- The monitor will automatically turn off after 10minutes when there is no signal.

1. **Select POWER SAVE from SETUP A menu .**

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to POWER SAVE and press OK button..



- Select YES or NO for POWER SAVE.
- Press ▼ or ▲ buttons to move to YES and press OK button.



2. **EXIT MENU**

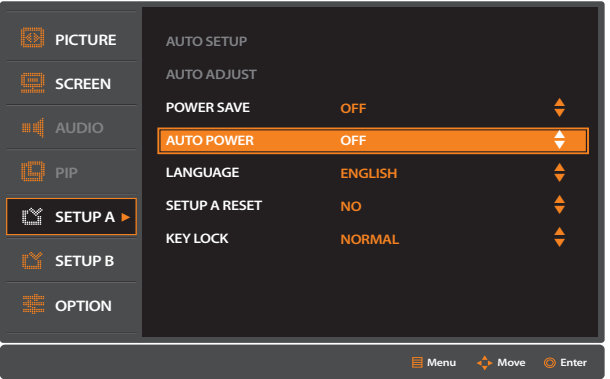
- Press Exit button to exit from the menu.

► **AUTO POWER**

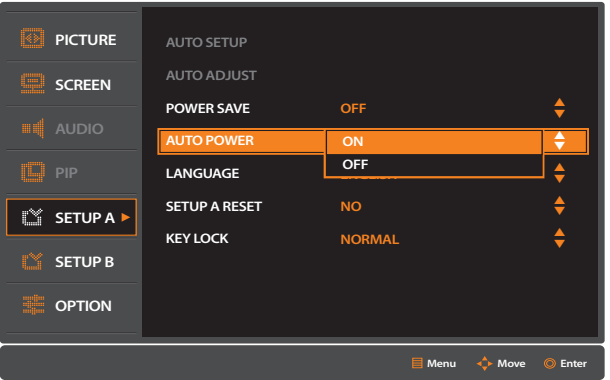
- The monitor will be turned on automatically when power is connected.

1. **Select AUTO POWER from SETUP A menu.**

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to AUTO POWER and press OK button..



- Select YES or NO for AUTO POWER.
- Press ▼ or ▲ buttons to move to YES and press OK button.



2. **EXIT MENU**

- Press Exit button to exit from the menu.

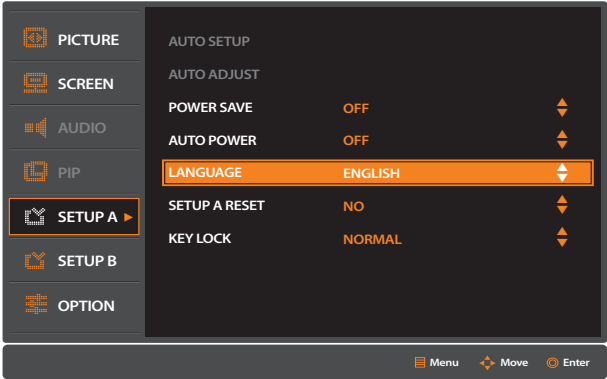


► **LANGUAGE**

- Select the language used for the OSD.

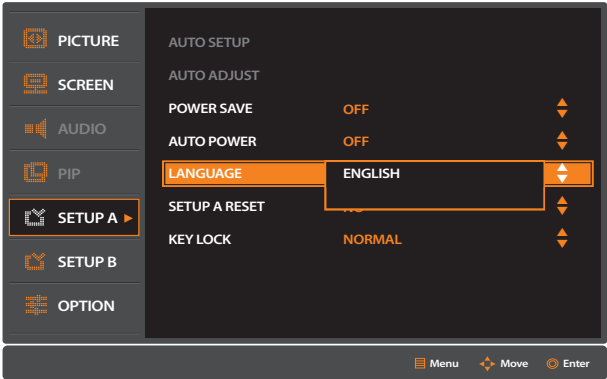
1. Select LANGUAGE from SETUP A menu.

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to LANGUAGE and press OK button..



2. Select the language you want to use.

- Press ▼ or ▲ buttons to move to the desired language and press OK button..



3. EXIT MENU

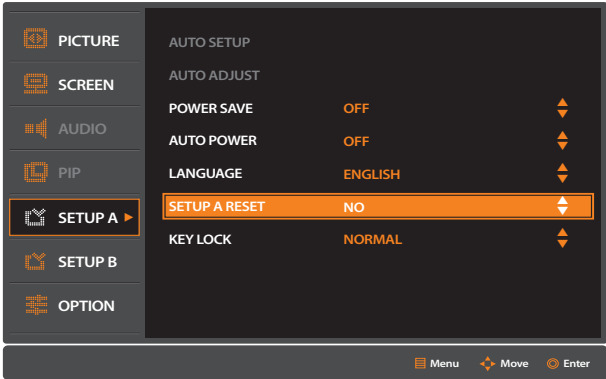
- Press Exit button to exit from the menu.

► **SETUP A RESET**

- Initialize the values of SETUP A MENU.

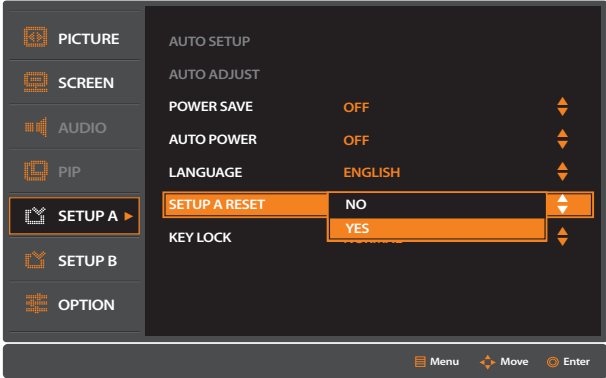
1. Select SETUP A RESET from SETUP A menu .

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to SETUP A RESET and press OK button.



2. Initialize the previously adjusted values.

- Select YES or NO for initializing SETUP A menu.
- Press ▼ or ▲ buttons to move to YES and press MENU button to initialize the value.



3. EXIT MENU

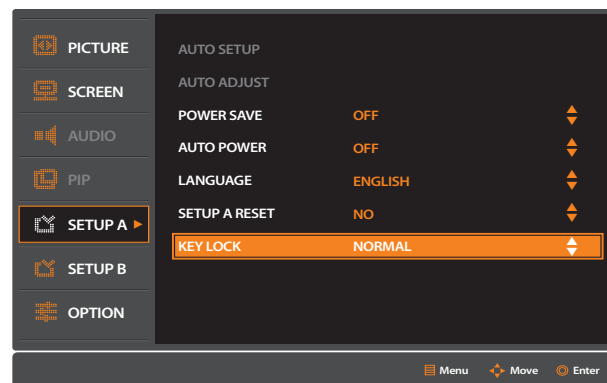
- Press Exit button to exit from the menu.

## ► KEY LOCK

- Restrict key strokes to prevent any of expected set activities.  
To return to normal operation, press the “ENT” button on the KEY PAD for 3 sec.
- LOCK – Key buttons will not work.
- NORMAL – Key buttons will work.

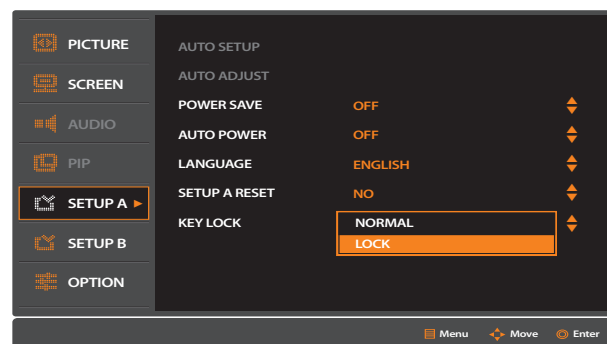
### 1. Select KEY LOCK from SETUP A menu.

- Press ▼ or ▲ buttons to move to KEY LOCK and press OK button.



### 2. Setup the KEY LOCK.

- Press ▼ or ▲ buttons to move to LOCK or NORMAL.
- Move to LOCK and press OK button to activate KEY LOCK.
- To deactivate KEY LOCK, move to NORMAL and press OK button.  
or, Press the ENT button on KEYPAD during 3sec.



### 3. EXIT MENU

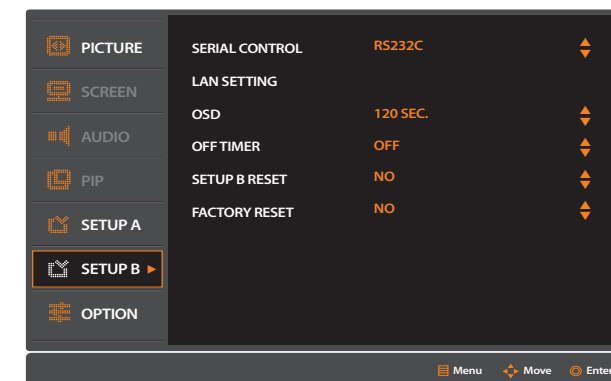
- Press Exit button to exit from the menu.

## ■ SETUP B

- SERIAL CONTROL, LAN SETTING, OSD, OFF TIMER, SETUP B RESET and FACTORY RESET can be adjusted in SETUP B MENU.

### 1. Press MENU button.

- Press MENU button to display OSD MENU on the screen.



### 2. Select SETUP B MENU.

- Press ▼ or ▲ buttons to move to SETUP B MENU.
- When SETUP B item is selected, press OK button to move to the SETUP B menu.

### 3. Select the sub-menu.

- Press ▼ or ▲ buttons to move to sub-menu.
- When sub-menu item is selected, press OK button to adjust the sub-menu.

### 4. Adjust the value.

- Each of the value can be adjusted by pressing ▼▲buttons.

### 5. Exit from the MENU

- Press EXIT button to getting out of OSD MENU.

### 6. Move to Main MENU

- Press MENU button to move the Main Menu.

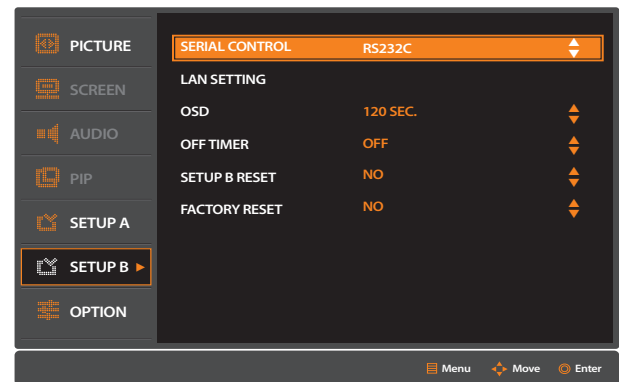


► SERIAL CONTROL

- Select the LAN On or LAN Off.

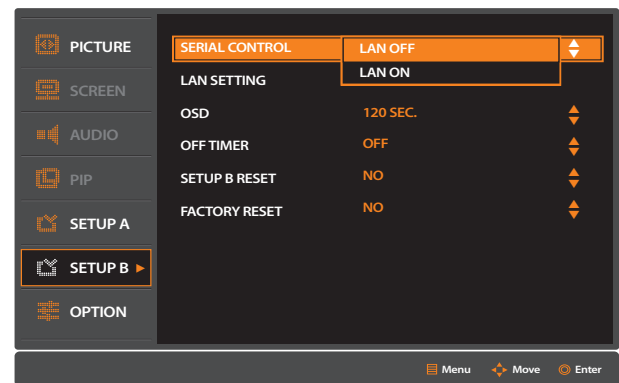
1. Select SERIAL CONTROL from SETUP B menu.

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to SERIAL CONTROL and press OK button.



2. Select LAN ON or LAN Off.

- Press ▼ or ▲ buttons to move to the desired language and press OK button.



3. EXIT MENU

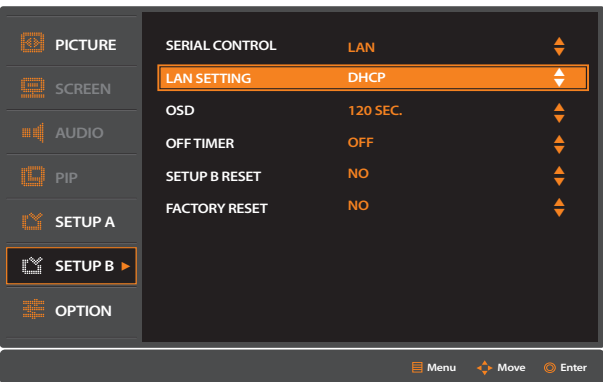
- Press Exit button to exit from the menu.

► LAN SETTING

- Configure the IP address of the set to control via Ethernet.

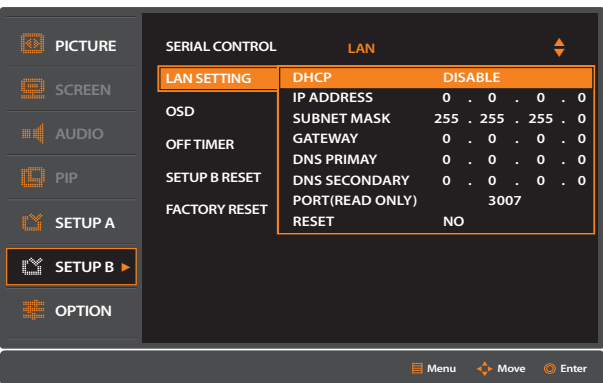
1. Select LAN SETTING from SETUP B menu.

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to LAN SETTING and press OK button.



2. Setup the LAN Port information.

- Enter the network information by number buttons.



3. EXIT MENU

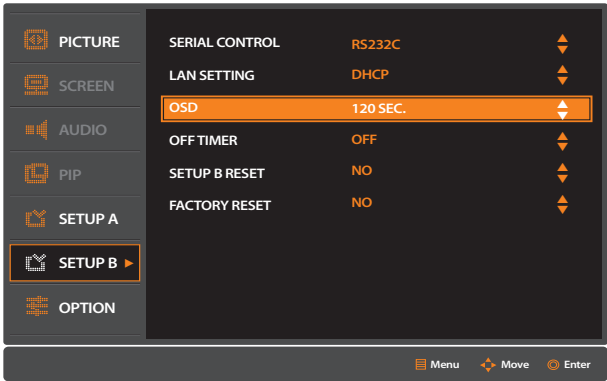
- Press Exit button to exit from the menu.

► **OSD**

- It configures OSD menu.

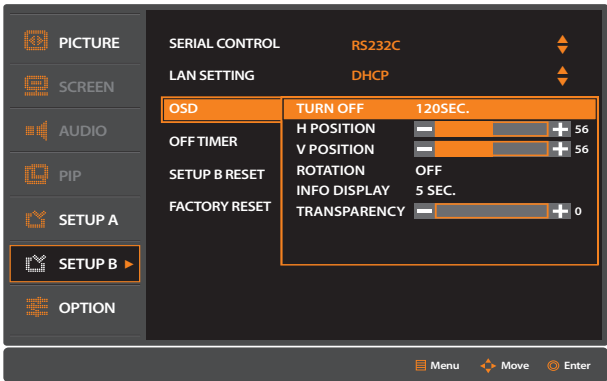
1. **Select OSD from SETUP B menu.**

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to OSD and press OK button.



2. **Setup the function.**

- Press ▼ or ▲ buttons to move to item and press OK button.



3. **EXIT MENU**

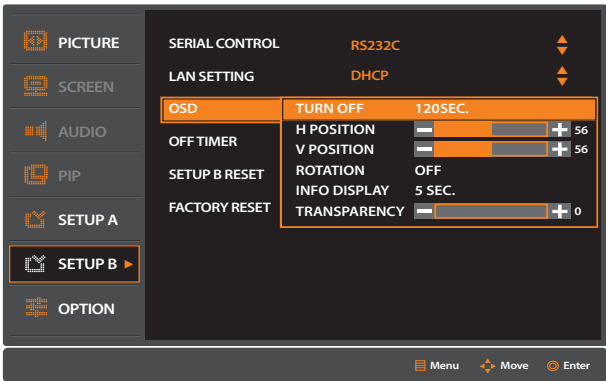
- Press Exit button to exit from the menu.

» **TURN OFF**

- Turns off the OSD after a period of inactivity. The preset choices are 5-120 seconds.

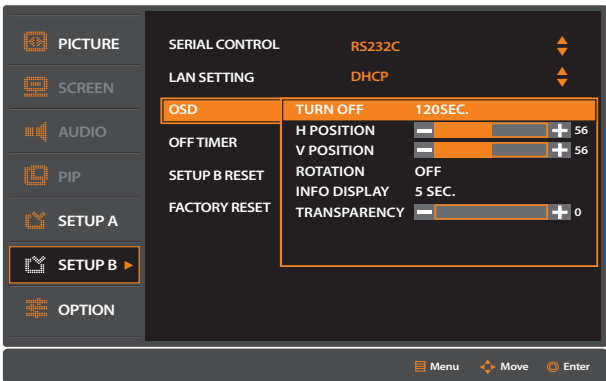
1. **Select TURN OFF.**

- Press ▼ or ▲ buttons to move to TURN OFF and press OK button.



2. **Setup the turn off time.**

- Press ▼ or ▲ buttons to setup and press OK button.



3. **EXIT MENU**

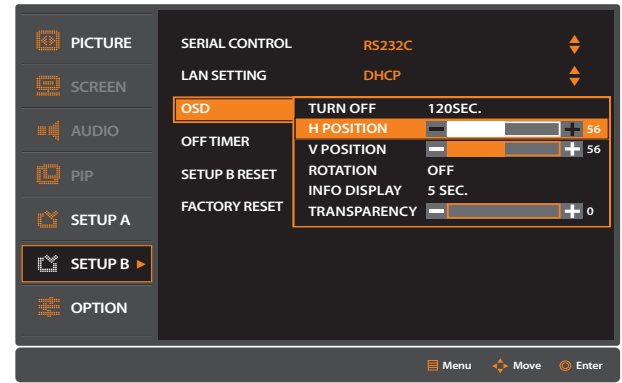
- Press Exit button to exit from the menu.

» POSITION

- Select the location where the OSD appears on the screen.

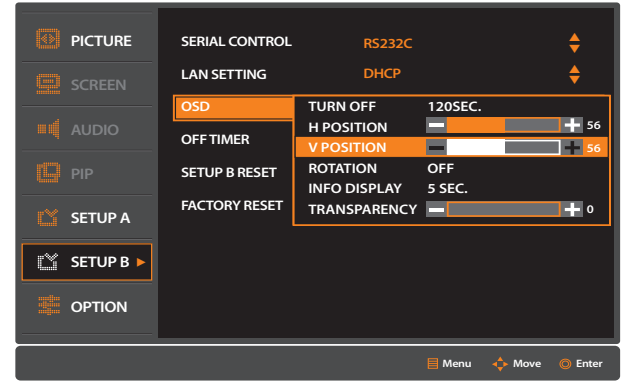
1. Select OSD H POSITION

- Press ▼ or ▲ buttons to adjust OSD H POSITION value.



2. Select OSD V POSITION

- Press ▼ or ▲ buttons to adjust OSD V POSITION value.



3. EXIT MENU

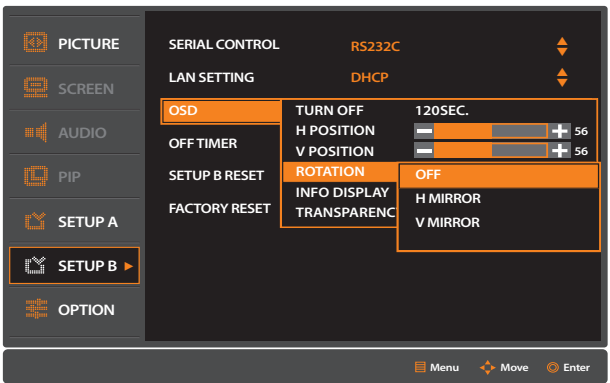
- Press Exit button to exit from the menu.

» ROTATION

- Select the OSD display direction between landscape and portrait.

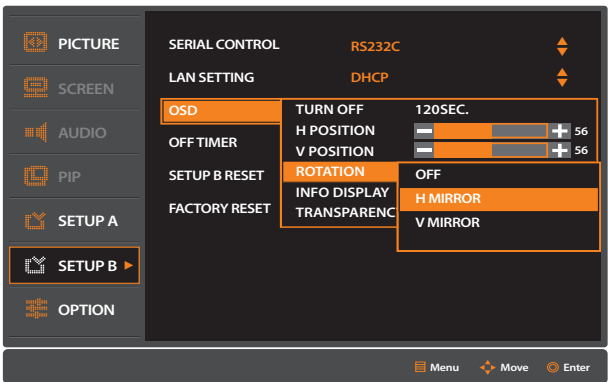
1. Select ROTATION from OSD menu.

- Press ▼ or ▲ buttons to move to ROTATION and press OK button.



2. Setup the ROTATION.

- Press ▼ or ▲ buttons to move to item and press OK button.



3. EXIT MENU

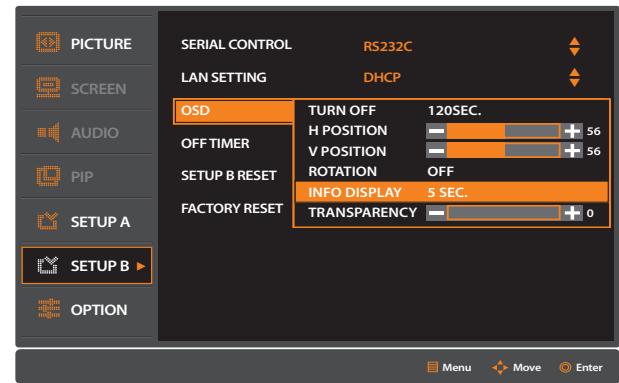
- Press Exit button to exit from the menu.

» INFO DISPLAY

- Select to display or not display the information OSD. The information OSD will be displayed when the input signal or source are changed. The information OSD will also give a warning when there is no-signal or the signal is out-of range.  
An display interval for the information OSD can be selected between 3 to 10 seconds.

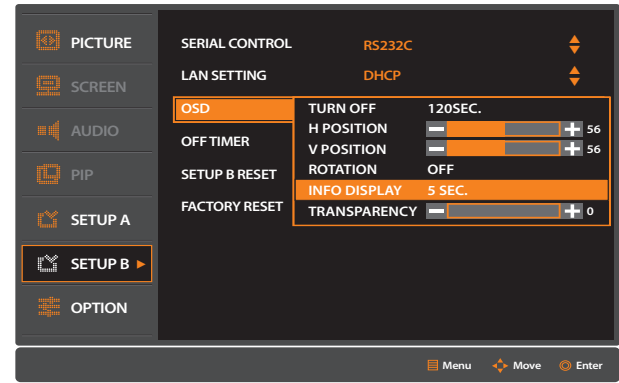
1. Select INFO DISPLAY from OSD menu.

- Press ▼ or ▲ buttons to move to INFO DISPLAY and press OK button.



2. Setup the INFO DISPLAY.

- Press ▼ or ▲ buttons to setup and press OK button.



3. EXIT MENU

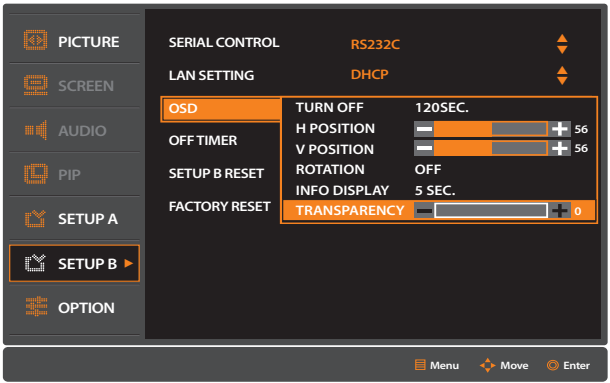
- Press Exit button to exit from the menu.

» TRANSPARENCY

- Setup the transparency level of the OSD.

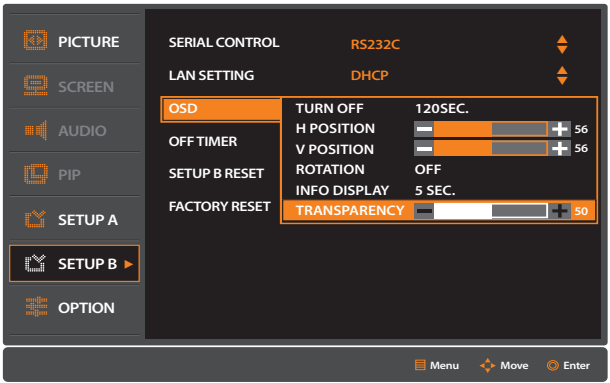
1. Select TRANSPARENCY from OSD menu.

- Press ▼ or ▲ buttons to move to transparency and press OK button.



2. Setup the TRANSPARENCY.

- Press ▼ or ▲ buttons to setup and press OK button.



3. EXIT MENU

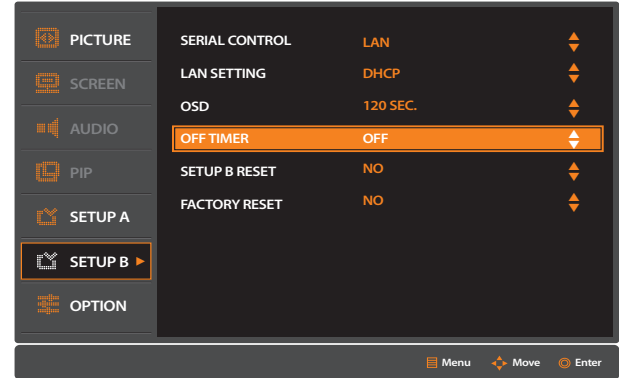
- Press Exit button to exit from the menu.



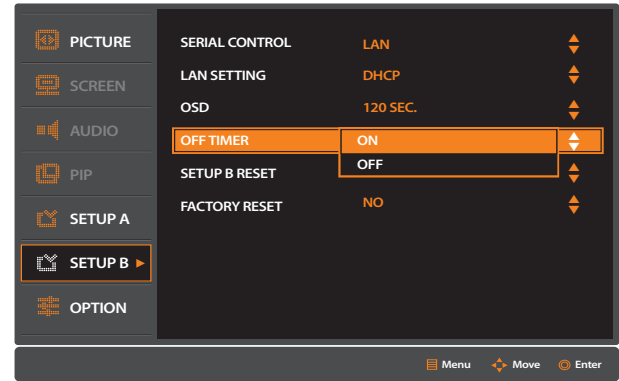
► OFF TIMER

- Setup the monitor to power off after a certain of time.  
Time period can be selected from 1 to 24 hours.

1. Select OFF TIMER from SETUP B menu.
  - Press ▼ or ▲ buttons to move to OFF TIMER and press OK button.



2. Setup the OFF TIMER.
  - Press ▼ or ▲ buttons to setup and press OK button..



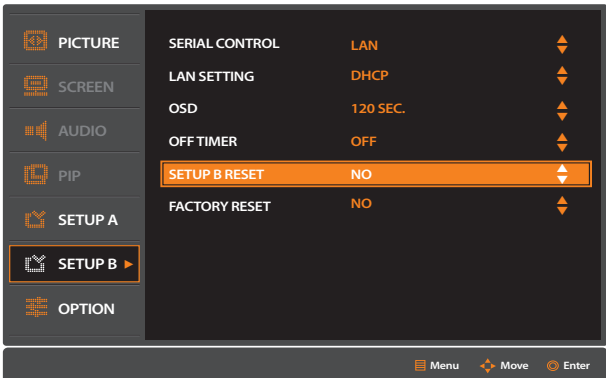
3. EXIT MENU

- Press Exit button to exit from the menu.

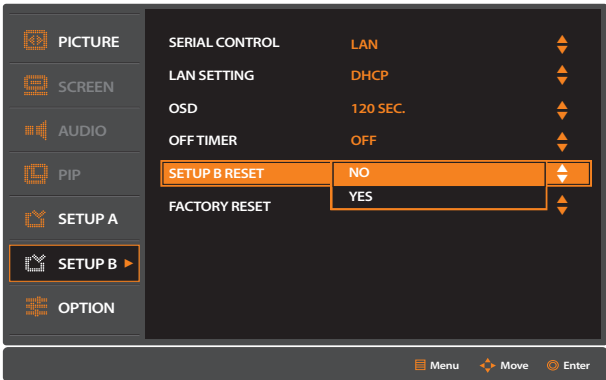
► SETUP B RESET

- Initialize the previously adjusted values of SCREEN B MENU.

1. Select SETUP B RESET from SETUP B menu.
  - Press MENU button to display OSD.
  - Press ▼ or ▲ buttons to move to SETUP B RESET and press MENU button.



2. Initialize the previously adjusted values.
  - Select YES or NO for initializing SETUP B menu.
  - Press ▼ or ▲ buttons to move to YES and press MENU button to initialize the value.



3. EXIT MENU

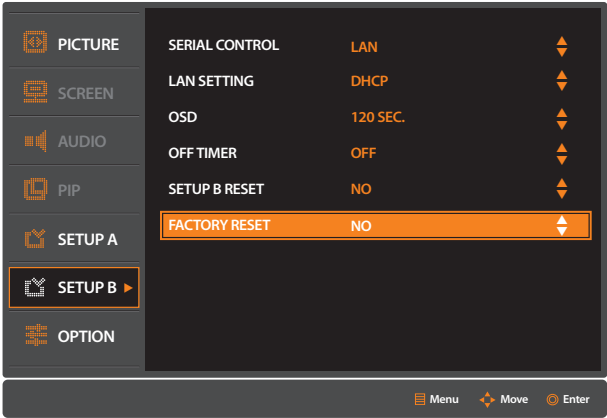
- Press Exit button to exit from the menu.

## ▶ FACTORY RESET

- Initialize the previously adjusted values of the set to the factory level. Every configuration will be initialized.

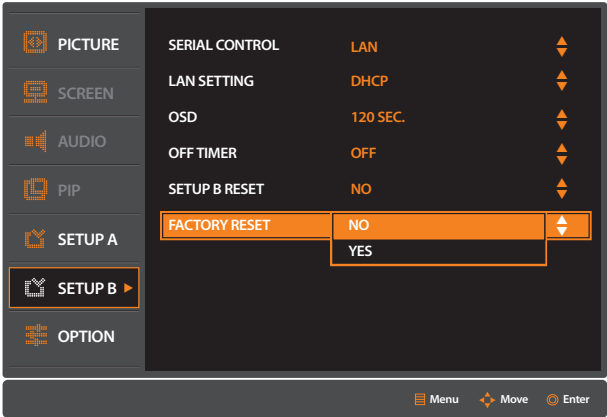
### 1. Select FACTORY RESET from SETUP B menu.

- Press MENU button to display OSD.
- Press ▼ or ▲ buttons to move to FACTORY RESET and press MENU button.



### 2. Initialize the previously adjusted values.

- PICTURE, SCREEN, SETUP A and SETUP B menus can be initialized to the factory level.
- Select YES or NO for initialization.
- Press ▼ or ▲ buttons to move to YES and press MENU button to initialize the value.



### 3. EXIT MENU

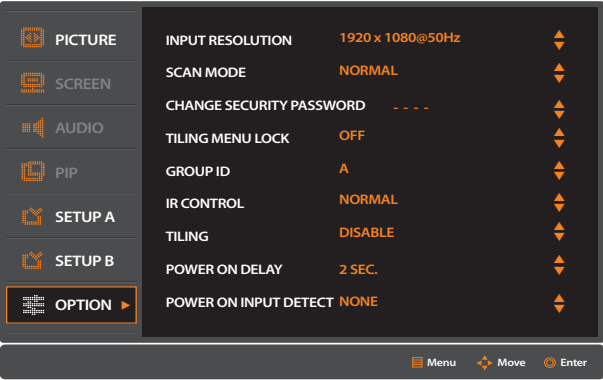
- Press Exit button to exit from the menu.

## ■ OPTION

- INPUT RESOLUTION, SCAN MODE, CHANGE SECURITY PASSWORD, TILING MENU LOCK, GROUP ID, IR CONTROL, TILING, LOOP OUT EQ, POWER ON DELAY and POWER ON INPUT DETECT can be adjusted in OPTION MENU.

### 1. Press MENU button.

- Press MENU button to display OSD MENU on the screen.



### 2. Select OPTION menu.

- Press ▼ or ▲ buttons to move to OPTION.
- Press MENU button to move into the sub-menu.
- INPUT RESOLUTION, SCAN MODE, CHANGE SECURITY PASSWORD, TILING MENU LOCK, GROUP ID, IR CONTROL, TILING, LOOP OUT EQ, POWER ON DELAY and POWER ON INPUT DETECT can be adjusted.

### 3. Sub-menus can be configured.

- Press ▼ or ▲ buttons to move to the menus you want to adjust.
- To configure the sub-menu, move to the sub-menu and press MENU button to enter.

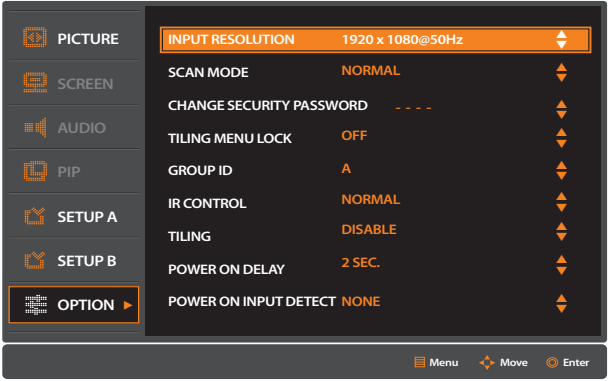
### 4. EXIT MENU

- Press Exit button to exit from the menu.



## ▶ INPUT RESOLUTION

- Display the current input resolution.

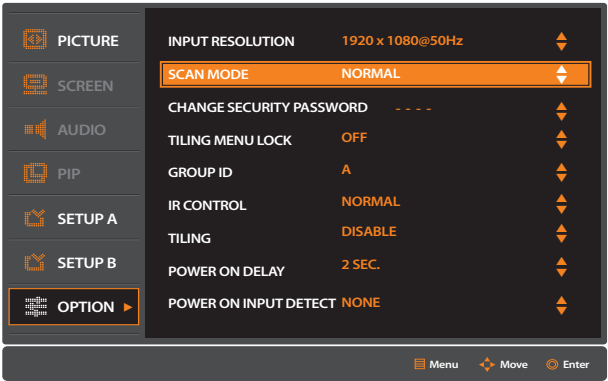


## ▶ SCAN MODE

- Some video formats may require different scanning modes in order to display best the image.

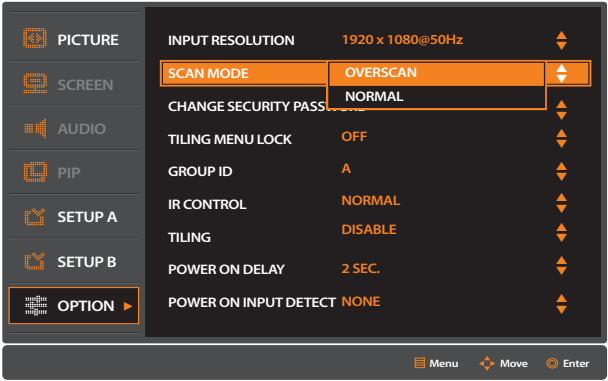
### 1. Select SCAN MODE from OPTION menu.

- Press ▼ or ▲ buttons to move to SCAN MODE and press OK button.



### 2. Select the desired scan mode.

- Press ▼ or ▲ buttons to move and press OK button.



### 3. EXIT MENU

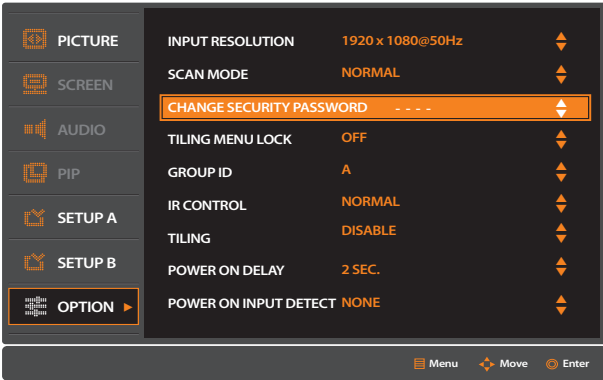
- Press Exit button to exit from the menu.

## ▶ CHANGE SECURITY PASSWORD

- Change the security password. The factory preset password is 9999. This password is applied to the TILING MENU LOCK menu.

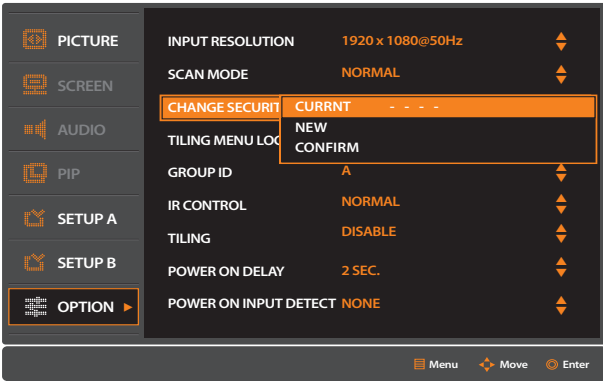
### 1. Select CHANGE SECURITY PASSWORD from OPTION menu.

- Press ▼ or ▲ buttons to move to CHANGE SECURITY PASSWORD and press OK button.



### 2. Change the SECURITY PASSWORD.

- Press ▼ or ▲ buttons to move to current and press OK button. Enter the password. (Default :9999)
- Press ▼ or ▲ buttons to move to new and press OK button. Enter the new password.
- Press ▼ or ▲ buttons to move to confirm and press OK button. Enter the new password to confirm.



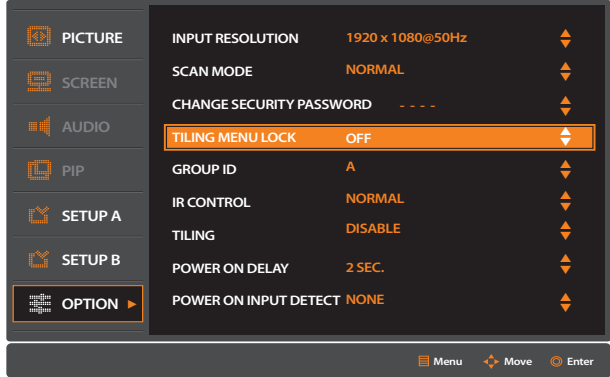
### 3. EXIT MENU

- Press Exit button to exit from the menu.

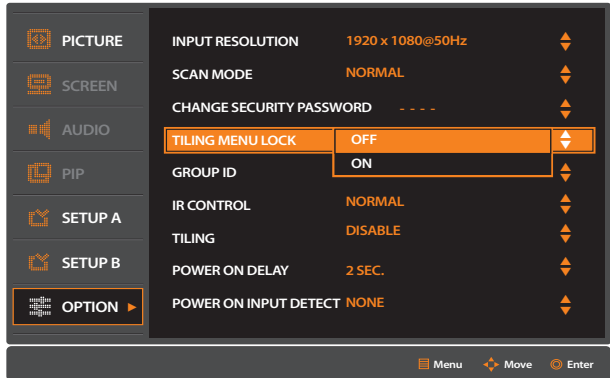
► **TILING MENU LOCK**

- Lock the tiling menu to protect the tiling display setting.

1. Select **TILING MENU LOCK** from **OPTION** menu.
  - Press ▼ or ▲ buttons to move to **TILING MENU LOCK** menu and press OK button.



2. Setup the **TILING MENU LOCK**.
  - Press ▼ or ▲ buttons to select ON or OFF and press OK button.

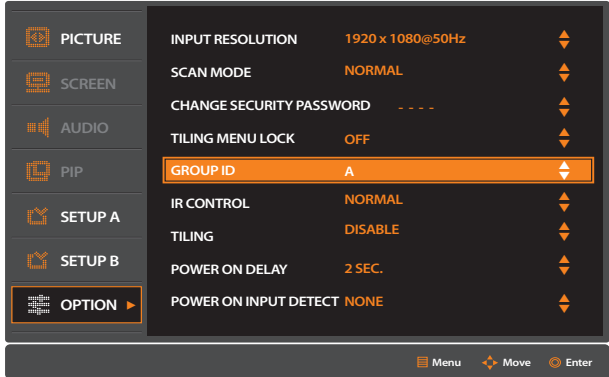


3. **EXIT MENU**
  - Press Exit button to exit from the menu.

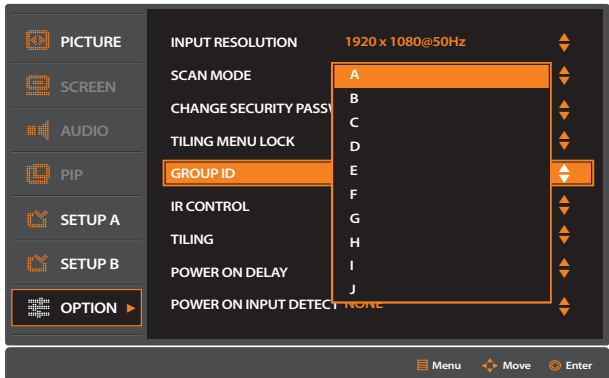
► **GROUP ID**

- Setup the Tiling Group.

1. Select **GROUP ID** from **OPTION** menu.
  - Press ▼ or ▲ buttons to move to GROPU ID menu and press OK button.



2. Select the **GROUP ID**.
  - Press ▼ or ▲ buttons to select a group from group A to group J and press OK button.



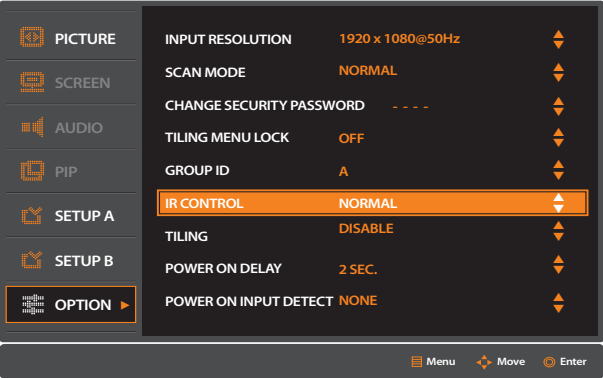
3. **EXIT MENU**
  - Press Exit button to exit from the menu.

► **IR CONTROL**

- Prevents the monitor from being controlled by the remote controller.  
To return to normal operation, press the “ENT” button on the KEY PAD for 3 sec.

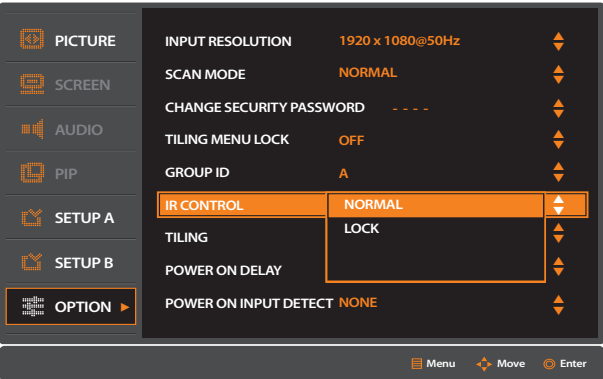
1. **Select IR CONTROL from OPTION menu.**

- Press ▼ or ▲ buttons to move to IR CONTROL menu and press OK button.



2. **Select the IR CONTROL.**

- Press ▼ or ▲ buttons to select NORMAL or LOCK and press OK button.



3. **EXIT MENU**

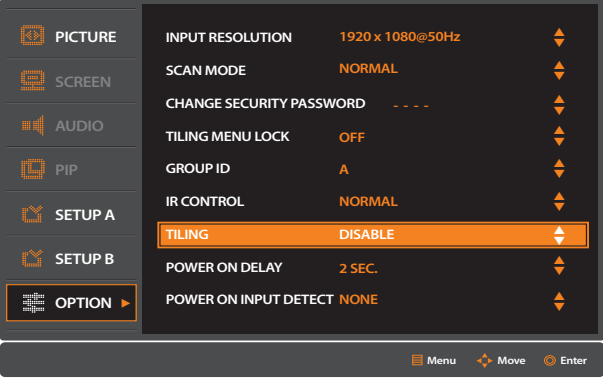
- Press Exit button to exit from the menu.

► **TILING**

- Allows one image to be expanded and displayed over multiple screens. .

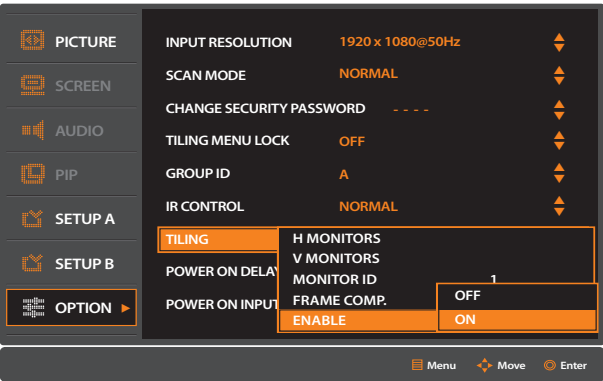
1. **Select TILING from OPTION menu.**

- Press ▼ or ▲ buttons to move to TILING menu and press OK button.



2. **Setup the Tiling.**

- Press ▼ or ▲ buttons to select ENABLE and press OK button.
- Press ▼ or ▲ buttons to select ON and press OK button.
- Press ▼ or ▲ buttons to select H Monitors and press OK button.
- Press ▼ or ▲ buttons to select the number of Horizontal Monitors and press OK button.
- Press ▼ or ▲ buttons to select V Monitors and press OK button.
- Press ▼ or ▲ buttons to select the number of Vertical Monitors and press OK button.
- Press ▼ or ▲ buttons to select Monitor ID and press OK button.
- Press ▼ or ▲ buttons to select the ID for each monitor and press OK button.
- Press ▼ or ▲ buttons to select FRAME COMP and press OK button.



3. **EXIT MENU**

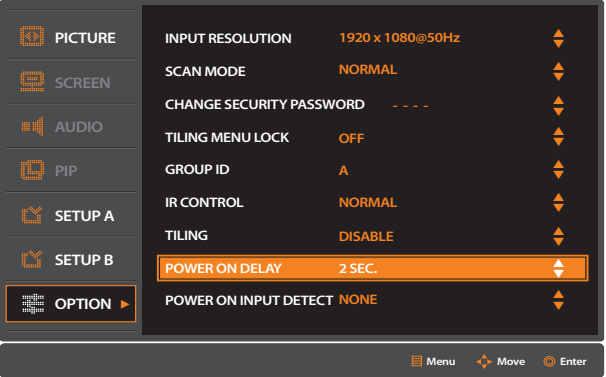
- Press Exit button to exit from the menu.

▶ **POWER ON DELAY**

- Adjust the delay time between being in “standby” mode and entering “power on” mode..

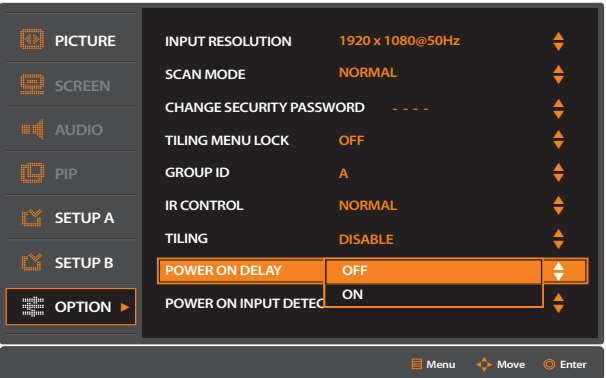
1. Select POWER ON DELAY from OPTION menu.

- Press ▼ or ▲ buttons to move to POWER ON DELAY menu and press OK button.



2. Setup POWER ON DELAY.

- Press ▼ or ▲ buttons to setup delay time and press OK button.(Off, 2~5sec.)



3. EXIT MENU

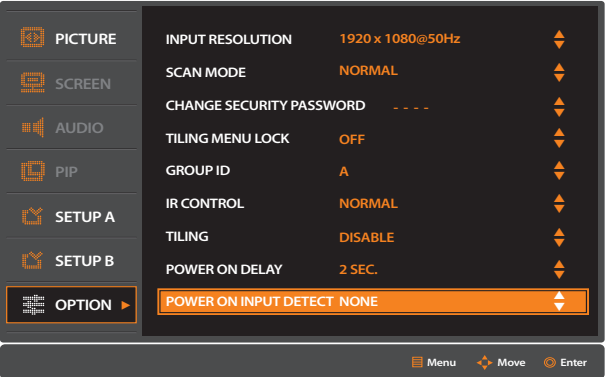
- Press Exit button to exit from the menu.

▶ **POWER ON INPUT DETECT**

- Select the default input source for power on.

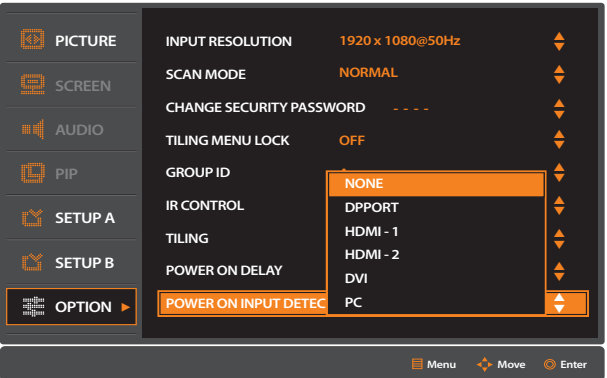
1. Select POWER ON INPUT DETECT from OPTION menu.

- Press ▼ or ▲ buttons to move to POWER ON DETECT menu and press OK button.



2. Select POWER ON INPUT DETECT.

- Press ▼ or ▲ buttons to setup input source and press OK button..



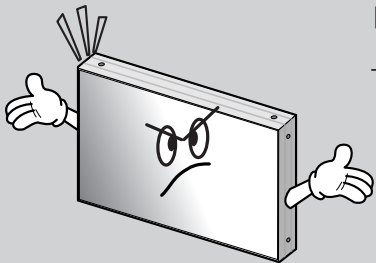
3. EXIT MENU

- Press Exit button to exit from the menu.

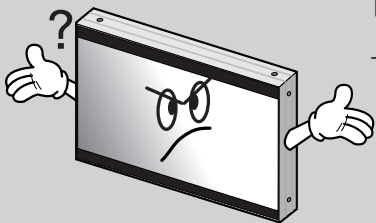


6. Before calling for service

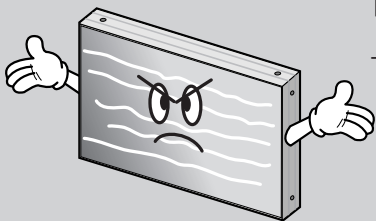
- Before calling for any repair, check the following and then refer to a near A/S center.



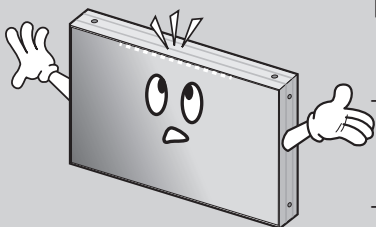
- ▶ "Tick" sound from the main body.
  - If there is no problem with the screen or sound, the "tick" sound is likely to result from the cabinet lightly shrinking with the change of room temperature. The sound does not affect product's performance.



- ▶ No image at upper and lower part of the screen.
  - As for a screen which is over 16:9 in width (such as cinema-sized one), no image may be displayed at upper and bottom part of the screen.



- ▶ Speckles or white lines on the screen
  - Check whether the problem is caused by vehicle, streetcar, high-voltage cable or neon sign, which emitting interference wave or electromagnetic induction. Avoid any interfering object.



- ▶ Light leakage can be found at the edge areas around the screen.
  - If the light leakage is not detected at 1m from the screen, the panel is considered as no defect.(SAMSUNG LCD applies the same inspection standard)
  - To minimize the light leakage, the PS5580 sets should be installed with high accuracy in horizontal and vertical position.

7. Applicable signals

- DTV signal(EDTV, HDTV) is not supported in PC Input.

| Resolution   | V-Freq<br>(Hz) | H-Freq<br>(KHz) | Pixel<br>Clock<br>(MHz) | Horizontal (Pixels) |                |                |               | Vertical (Lines) |                |                |               | Pol.<br>(H/V) | Standard<br>Type |
|--------------|----------------|-----------------|-------------------------|---------------------|----------------|----------------|---------------|------------------|----------------|----------------|---------------|---------------|------------------|
|              |                |                 |                         | Total               | Addr.<br>Width | Sync.<br>Width | Back<br>Porch | Total            | Addr.<br>Width | Sync.<br>Width | Back<br>Porch |               |                  |
| 640*480*60   | 60             | 31.469          | 25.175                  | 800                 | 640            | 96             | 40            | 525              | 480            | 2              | 25            | -/-           | DMT              |
| 800*600*50   | 50             | 30.998          | 30.750                  | 992                 | 800            | 72             | 96            | 621              | 600            | 4              | 14            | +/+           | CVT              |
| 800*600*60   | 60             | 37.879          | 40.000                  | 1056                | 800            | 128            | 88            | 628              | 600            | 4              | 23            | +/+           | DMT              |
| 1024*768*60  | 60             | 48.363          | 65.000                  | 1344                | 1024           | 136            | 160           | 806              | 768            | 6              | 29            | -/+           | DMT              |
| 1280*768*60  | 60             | 47.776          | 79.500                  | 1664                | 1280           | 128            | 192           | 798              | 768            | 7              | 20            | -/+           | CVT              |
| 1280*960*60  | 60             | 60.000          | 108.000                 | 1800                | 1280           | 112            | 312           | 1000             | 960            | 3              | 36            | +/+           | CVT              |
| 1280*1024*50 | 50             | 52.679          | 88.500                  | 1680                | 1280           | 128            | 200           | 1057             | 1024           | 7              | 23            | +/+           | CVT              |
| 1280*1024*60 | 60             | 63.981          | 108.000                 | 1688                | 1280           | 112            | 248           | 1066             | 1024           | 3              | 38            | +/+           | DMT              |
| 1360*768*50  | 50             | 39.564          | 69.000                  | 1744                | 1360           | 136            | 192           | 793              | 768            | 5              | 17            | +/+           | CVT              |
| 1360*768*60  | 60             | 47.712          | 85.5000                 | 1792                | 1360           | 112            | 256           | 795              | 768            | 6              | 18            | +/+           | DMT              |
| 1366*768*60  | 60             | 50.000          | 80.000                  | 1600                | 1366           | 128            | 64            | 838              | 768            | 5              | 22            | -/+           |                  |
| 1400*1050*60 | 60             | 65.317          | 121.750                 | 1864                | 1400           | 144            | 232           | 1089             | 1050           | 4              | 32            | -/+           | CVT              |
| 1600*900*50  | 50             | 46.394          | 96.500                  | 2080                | 1600           | 160            | 240           | 929              | 900            | 5              | 21            | -/+           | CVT              |
| 1600*900*60  | 60             | 55.990          | 118.250                 | 2112                | 1600           | 168            | 256           | 934              | 900            | 5              | 26            | -/+           | CVT              |
| 1600*1200*50 | 50             | 61.795          | 131.500                 | 2128                | 1600           | 168            | 264           | 1238             | 1200           | 4              | 31            | +/+           | CVT              |
| 1600*1200*60 | 60             | 75.000          | 162.000                 | 2160                | 1600           | 192            | 304           | 1250             | 1200           | 3              | 46            | +/+           | DMT              |
| 480p         | 60             | 31.469          | 27.000                  | 858                 | 720            | 62             | 62            | 525              | 480            | 6              | 30            | +/+           | EDTV             |
| 576p         | 50             | 31.250          | 27.000                  | 864                 | 720            | 64             | 68            | 625              | 576            | 5              | 39            | +/+           | EDTV             |
| 720p50       | 50             | 37.500          | 74.250                  | 1980                | 1280           | 80             | 220           | 750              | 720            | 5              | 20            | +/+           | HDTV             |
| 750p60       | 60             | 45.000          | 74.250                  | 1650                | 1280           | 80             | 220           | 750              | 720            | 5              | 20            | +/+           | HDTV             |
| 1080i50      | 50             | 28.125          | 74.250                  | 2640                | 1920           | 88             | 148           | 1125             | 1080           | 10             | 30            | +/+           | HDTV             |
| 1080i60      | 60             | 33.750          | 74.250                  | 2200                | 1920           | 88             | 148           | 1120             | 1080           | 10             | 25            | +/+           | HDTV             |
| 1080p50      | 50             | 56.250          | 148.500                 | 2640                | 1920           | 88             | 148           | 1125             | 1080           | 5              | 36            | -/-           | HDTV             |
| 1080p60      | 60             | 67.500          | 148.500                 | 2200                | 1920           | 88             | 148           | 1125             | 1080           | 5              | 36            | -/-           | HDTV             |



8. Specification

|                             |                    |                                                                                                   |
|-----------------------------|--------------------|---------------------------------------------------------------------------------------------------|
| Model Name                  |                    | PS5580                                                                                            |
| Back Light Unit Type        |                    | LED                                                                                               |
| Active Display Area (H x V) |                    | 1209.6 X 680.4mm                                                                                  |
| Aspect Ratio                |                    | 16 : 9                                                                                            |
| Number of pixels            |                    | 1920 (H) X 1080 (V)                                                                               |
| Pixel Pitch                 |                    | 0.630 X 0.630 mm                                                                                  |
| Display Colors              |                    | 1.07Billion                                                                                       |
| Luminance of White          |                    | 400 cd / m <sup>2</sup>                                                                           |
| Contrast ratio (Dark Room)  |                    | 4,000 : 1                                                                                         |
| Bezel                       |                    | 7 / 6 / 6 / 6 (U/D/L/R) mm                                                                        |
| Power Supply                |                    | AC100V ~ 240V (50/60Hz)                                                                           |
| Power Consumption           | Max                | 125W                                                                                              |
|                             | Typical            | 120W                                                                                              |
|                             | Stand-By           | <1.0W                                                                                             |
| Surface Treatment           |                    | Haze 0% / Hard coating 2H                                                                         |
| Viewing Angle               |                    | H : 178°, V : 178°                                                                                |
| Response Time (G to G)      |                    | 8msec (TYP)                                                                                       |
| Environmental condition     | Temperature        | 5℃ ~ 35℃                                                                                          |
|                             | Humidity           | 35% ~ 75%                                                                                         |
| Input Signal                | Support Resolution | VGA, SVGA, XGA, SXGA, UXGA, WXGA, 480p,576p,720p(50/60),1080i(50/60),1080p(50/60)                 |
|                             | HDCP               | Compliant with High-bandwidth Digital Content Protection (HDCP) using DVI and HDMI 1.3a standards |
|                             | Frequency          | H : 31.5 ~ 75kHz, V : 50 , 60 Hz                                                                  |
| In/Output Terminal          | Input              | DP x 1,HDMI x 2, DVI x 1, PC x 1, RS-232C x 1, LAN x1, IR x 1                                     |
|                             | Output             | DVI-D x 1, RS-232C x 1                                                                            |
| Lamp Life Tme               |                    | Min 35.000Hrs (Ta : 25±2℃)                                                                        |
| Dimension (W x H x D)       |                    | 1224.2 x 696.0 x 50.0mm                                                                           |
| Weights                     |                    | 21Kg(±0.5Kg)                                                                                      |

※Product design and specification can be changed for quality improvement without prior notice.

9. Regulatory Information

Manufacturer's Name:Planar Systems, Inc.

Manufacturer's Address:1195 NW Compton Drive  
Beaverton, OR 97006  
Declares that the products Model Numbers: PS5580

Conforms with the provisions of:

Council Directive 2004/108/EC on Electromagnetic Compatibility;

EN55022:2010 Radiated and Conducted Emissions from IT Equipment

|                                       |              |                                  |
|---------------------------------------|--------------|----------------------------------|
| EN55024:2010 Immunity of IT Equipment |              |                                  |
| Including:                            | EN61000-4-2  | Electrostatic Discharge          |
|                                       | EN61000-4-3  | Radiated Immunity                |
|                                       | EN61000-4-4  | Electrical Fast Transients       |
|                                       | EN61000-4-5  | Line Surge                       |
|                                       | EN61000-4-6  | RF Conducted Susceptibility      |
|                                       | EN61000-4-8  | Magnetic Field Immunity          |
|                                       | EN61000-4-11 | Voltage Dips and Interrupts      |
|                                       |              |                                  |
| And:                                  | EN61000-3-2  | Harmonic Current Emissions       |
|                                       | EN61000-3-3  | Voltage fluctuations and Flicker |

Council Directive 2006/95/EC on Low Voltage Equipment Safety:

EN60950:2006+A11+A1+A12 Safety of IT Equipment

The Technical Construction File required by this Directive is maintained at the corporate headquarters of Planar Systems, Inc., 1195 NW Compton Drive, Beaverton, OR 97006.

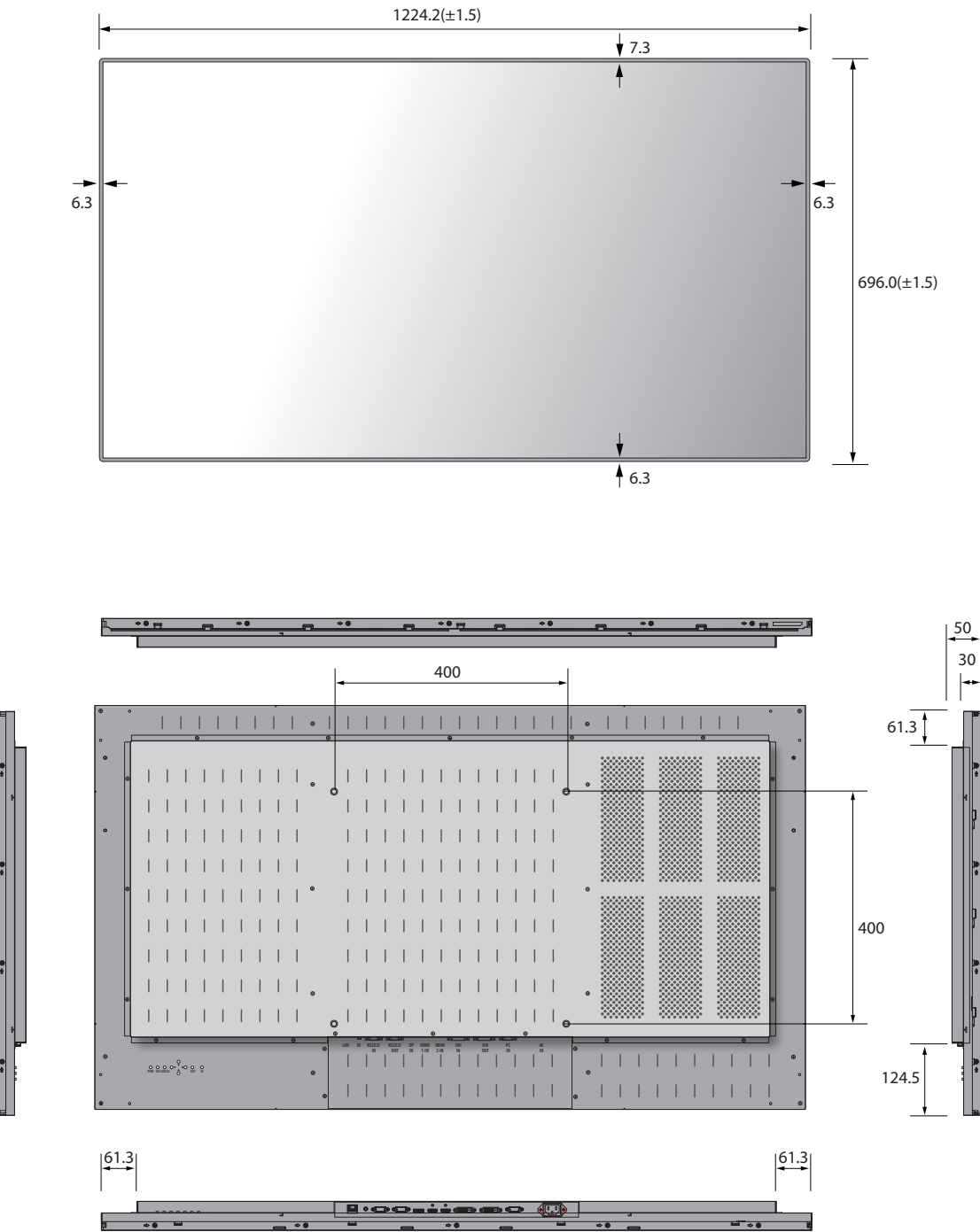
Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Industry Canada (ICES-003): This Class A digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.  
Any changes or modifications to the display not expressly approved by Planar could void the user's authority to operate this equipment.

Other Certifications

CISPR 22

10. Dimension



Memo