

SyncMaster 400FP-2,460FP-2,400FPn-2, 460FPn-2

# LCD Monitor



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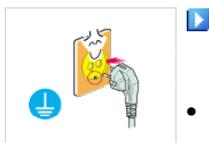
PC

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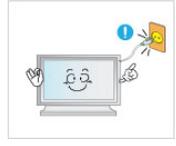
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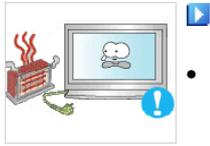


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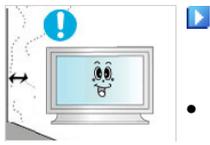
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(10 cm )



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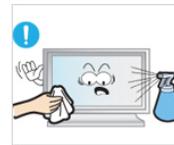
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1:10



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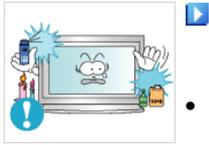
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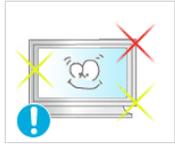
▶ ( )

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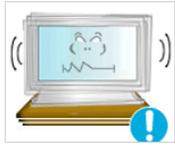
▶ 가

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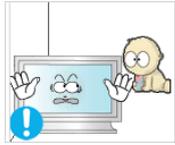
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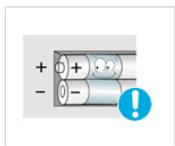
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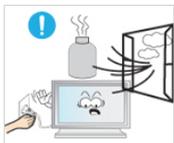


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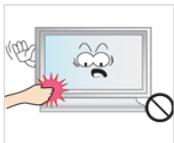
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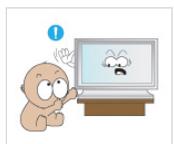
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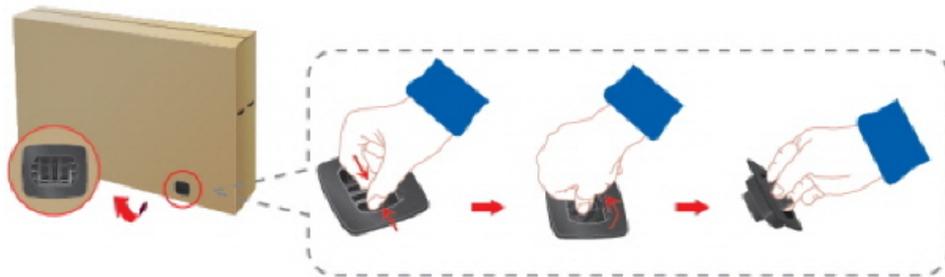
가 가



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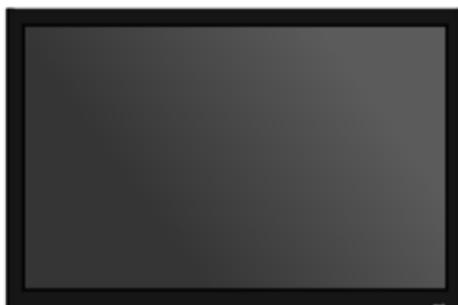


(Floor standing type)가



 Note

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LCD Display



, **MagicInfo**  
Software CD, **MagicInfo**  
Manual CD



(AAA X 2)

(FPn-2  
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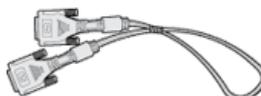
BNC to RCA

(3301-001110)

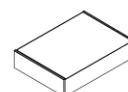
(FPn-2  
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D-Sub



DVI



KIT

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LAN

(FPN .)



TV



(FP .)

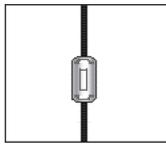


BNC

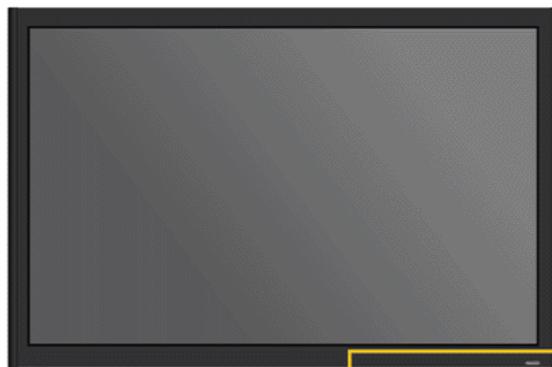


- TV .
- 가 .

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1 MENU [MENU]

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2

3 /

4 ENTER [ENTER]

5 SOURCE [SOURCE]

[PC] [DVI] [ ] [HDMI] [MagicInfo]



- TV TV
- MagicInfo FPN-2 FP-2

6 D.MENU

D.MENU



- TV

7 [power icon]

8

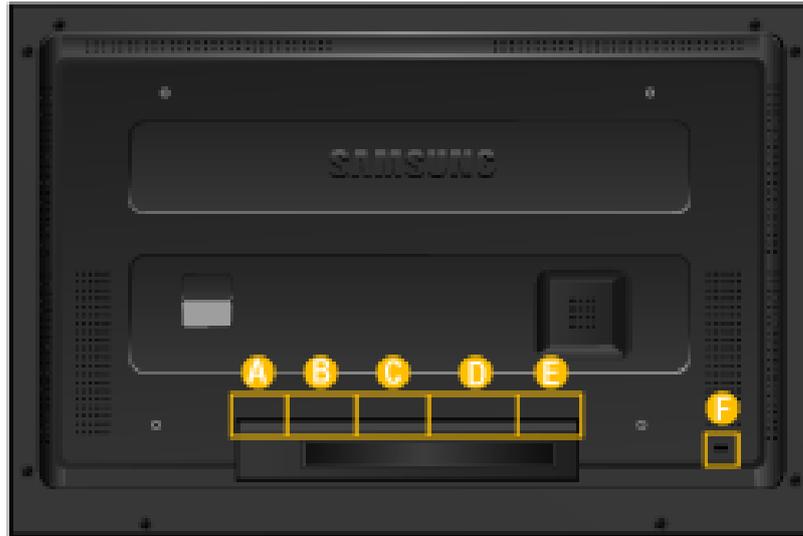


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9

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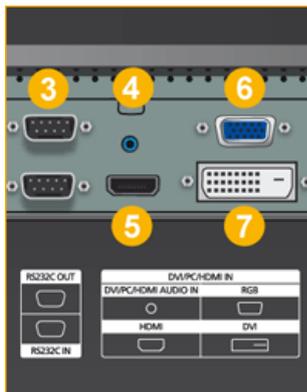
**A**



**1** POWER SW ON [ ] / OFF [O]

**2** POWER IN

**B**



**3** RS232C OUT/IN (RS232C ) /

MDC (Multiple Display Control) /

**4** DVI/PC/HDMI IN [DVI/PC/HDMI AUDIO IN] (DVI/PC/HDMI ) [DVI/PC/HDMI AUDIO IN] PC

**5** DVI / PC / HDMI IN [HDMI]

HDMI HDMI HDMI

**6** DVI / PC / HDMI IN [RGB] (PC )

D-SUB [RGB] PC  
RGB

**7** DVI / PC / HDMI IN [DVI] (PC )  
 DVI [DVI] PC  
 DVI .

**C**



**8** DC POWER [5V/1.5A]  
 DC-OUT  
 TV-Tuner Box[SBB-DT\*]

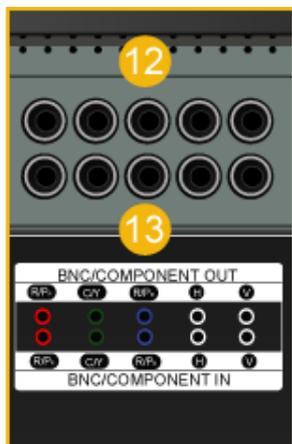


**9** AV IN [VIDEO]  
 VIDEO [VIDEO]

**10** AV AUDIO IN [L-AUDIO-R] ( )  
 [L-AUDIO-R]

**11** AV AUDIO OUT [L-AUDIO-R] ( )  
 [L-AUDIO-R]

**D**



**12** BNC/COMPONENT OUT[R/PR, G/Y, B/PB, H, V]  
 (BNC / )  
 BNC ( PC) : R, G, B, H, V  
 : PR, Y, PB

**13** BNC/COMPONENT IN[R/PR, G/Y, B/PB, H, V]  
 (BNC / )

E

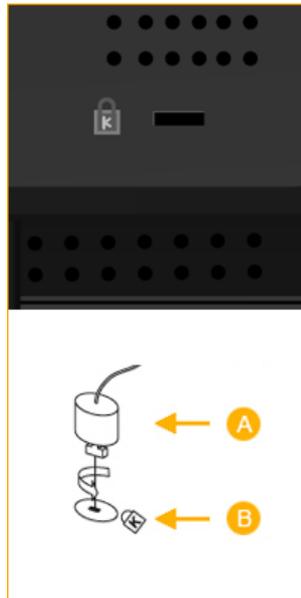


12 RGB OUT

13 LAN(LAN )  
(FPN .)

14 USB(USB )  
/ ,  
(FPN-2 .)

F



1. A B

2.

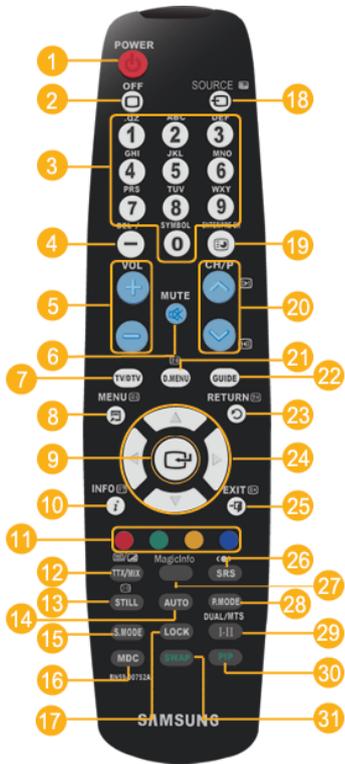
3.





TV

( )



- 1 POWER
- 2 OFF
- 3
- 4 Del
- 5 + VOL -
- 6 MUTE
- 7 TV/DTV
- 8 MENU
- 9 ENTER
- 10 INFO
- 11
- 12 TTX/MIX
- 13 STILL
- 14 AUTO
- 15 S.MODE
- 16 MDC
- 17 LOCK
- 18 SOURCE
- 19 ENTER/PRE-CH
- 20 CH/P
- 21 D-MENU
- 22 GUIDE
- 23 RETURN
- 24
- 25 EXIT
- 26 SRS
- 27 MagicInfo
- 28 P.MODE
- 29 DUAL/MTS
- 30 PIP



- 18.  SOURCE TV/
- 19.  ENTER/PRE-CH
- 20.  VCH/PA TV
- 21. D.MENU DTV
- 22. GUIDE 가
- 23.  RETURN
- 24.
- 25.  EXIT
- 26.  SRS SRS
- 27. MagicInfo MagicInfo 가
- 28. P.MODE 가

/ HDMI / TV : P.MODE

4가 가

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**PC / DVI / MagicInfo: M/B (MagicBright)**

**MagicBright** , PC , ,

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29.  DUAL/MTS DUAL-

TV DUAL  
STEREO/MONO, DUAL I / DUAL II, MONO/NICAM  
MONO/NICAM STEREO

MTS-

MTS (Multichannel Television Stereo)

		MTS/S_Mode		
FM	Mono	Mono		
	Stereo	Mono	Stereo	
	SAP	Mono	SAP	Mono

30. PIP

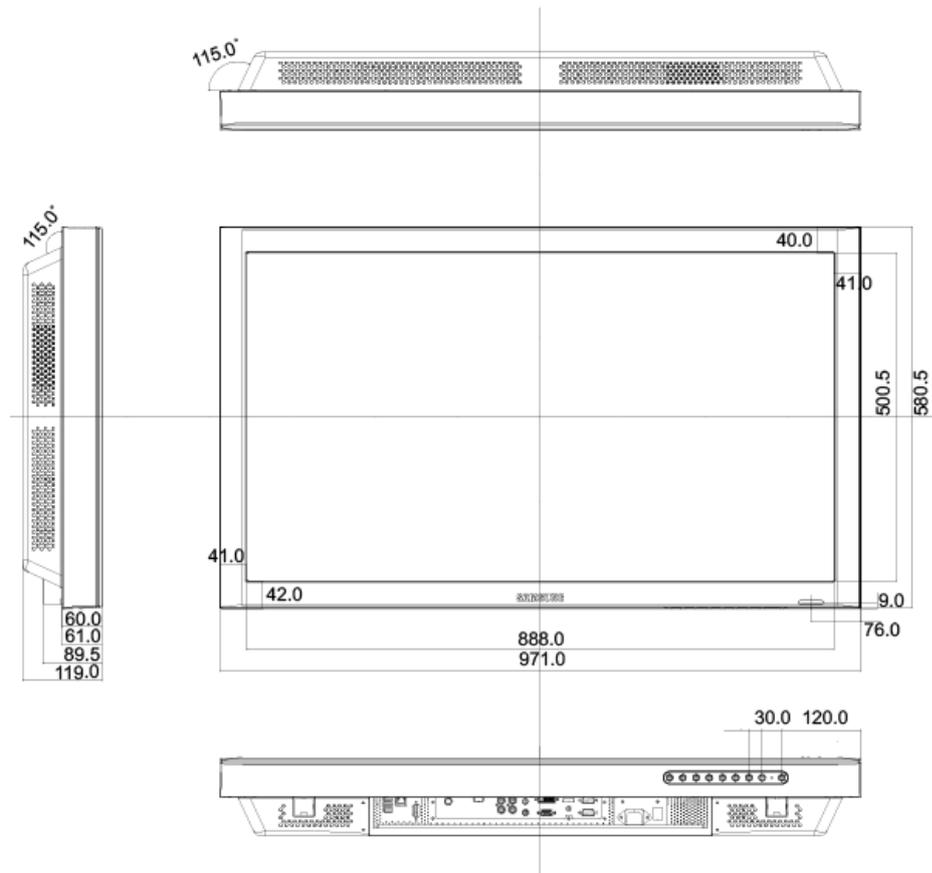
31.SWAP

가

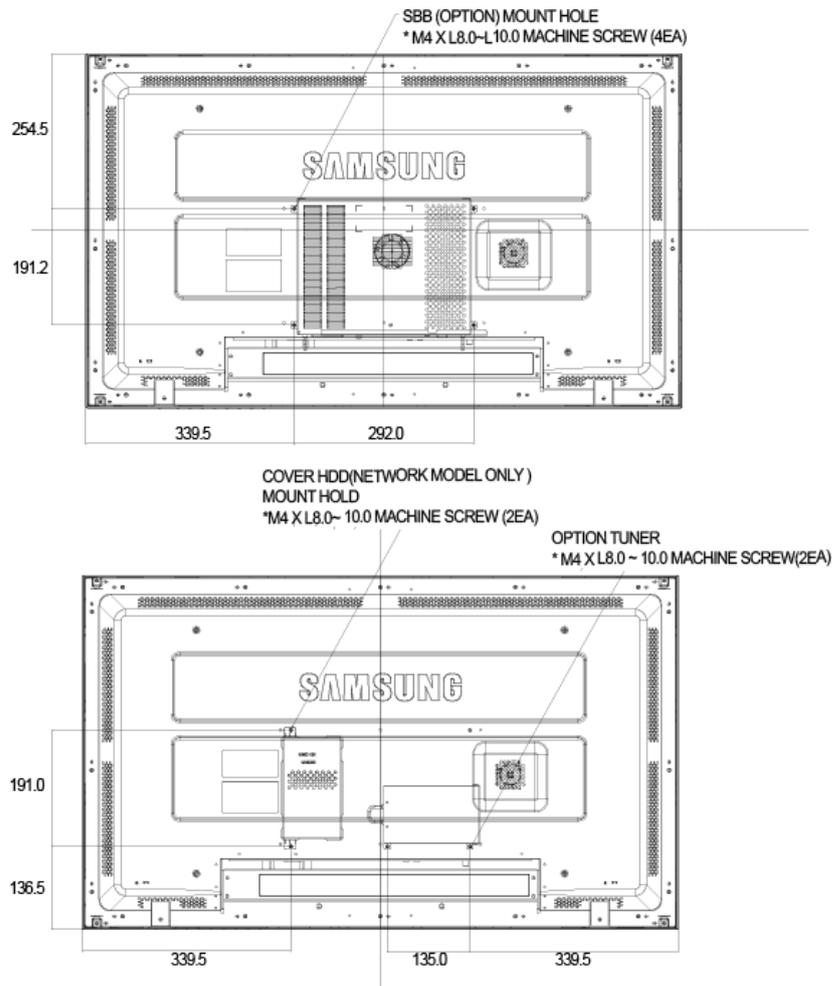
.PIP  
가 PIP

### Mechanical Layout(400FP-2, 400FPn-2)

### Mechanical Layout

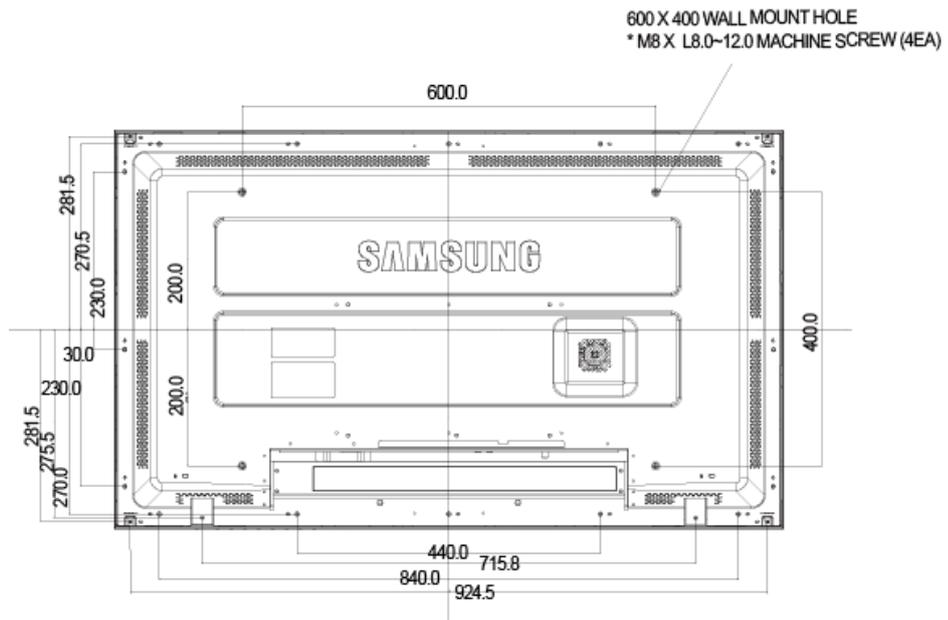


# LCD Display



# VESA

- VESA
  - VESA
  - LCD
  -
- VESA

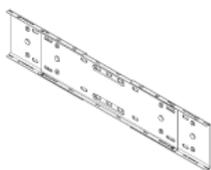


chine 6mm, 8mm ~ 12mm Ma-

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가



( 1 )



( 1 )



1 ,



( 4 )



(A) ( 11 )



(B) ( 4 )

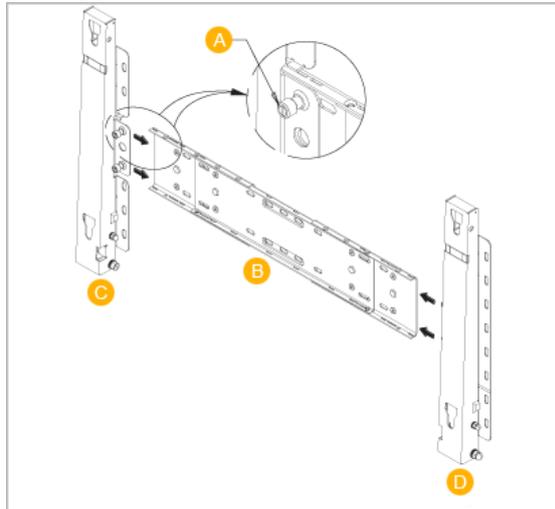


( 11 )



1.

(CAPTIVE SCREW)



A -

B -

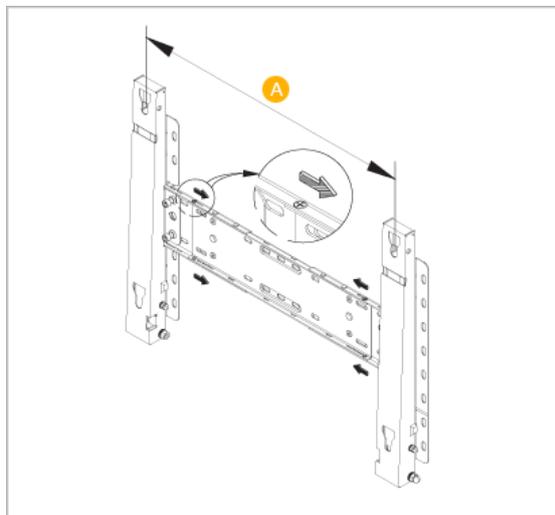
C - ( )

D - ( )

2.

가

4

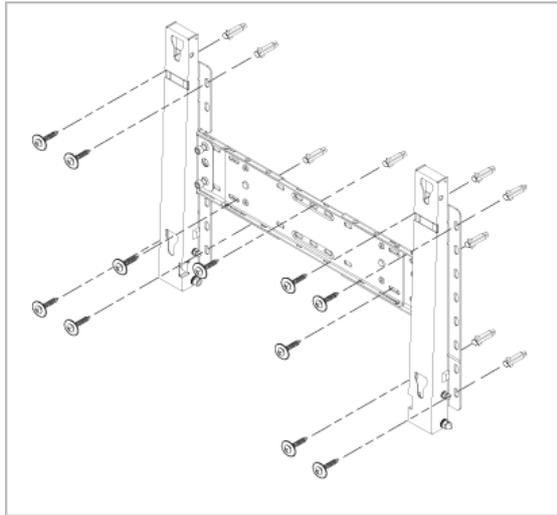


A -

3.

35mm

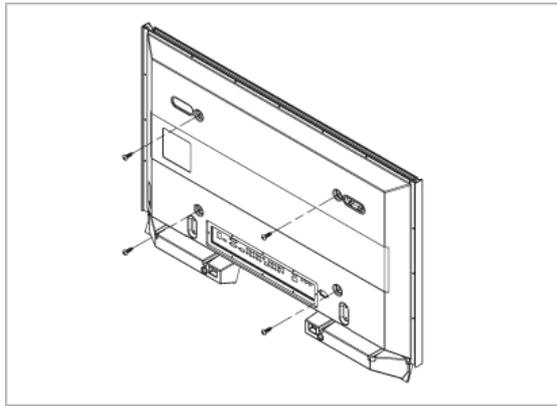
5.0mm



가 .( + .)

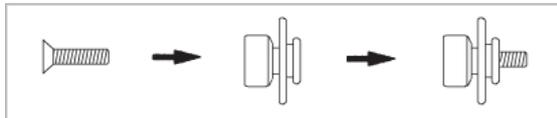
1.

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2.

B



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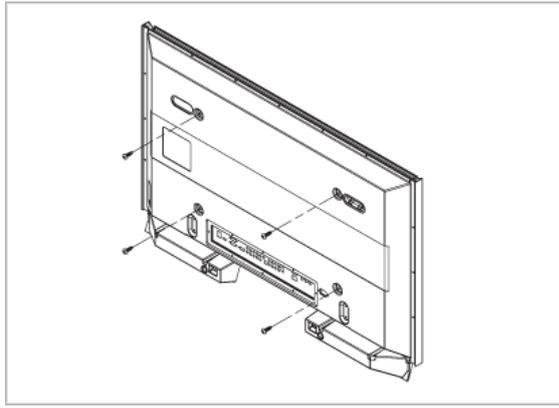
3. 2

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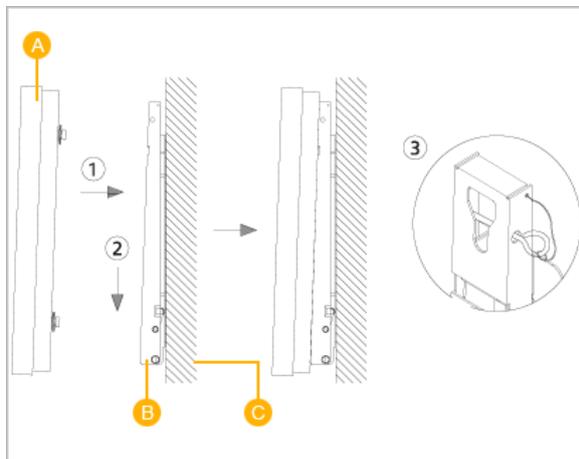
+

B)

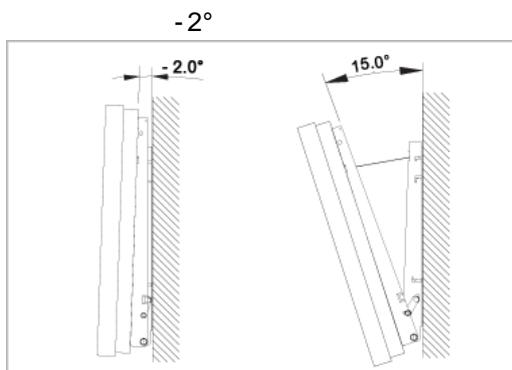
4



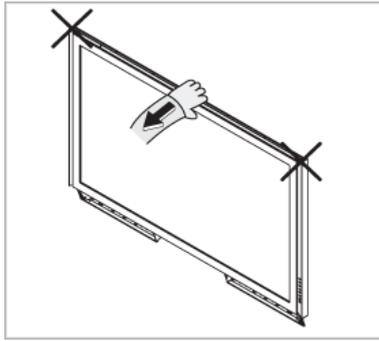
4. (2) (3) 4 가 (1) (3)



A -  
B -  
C -

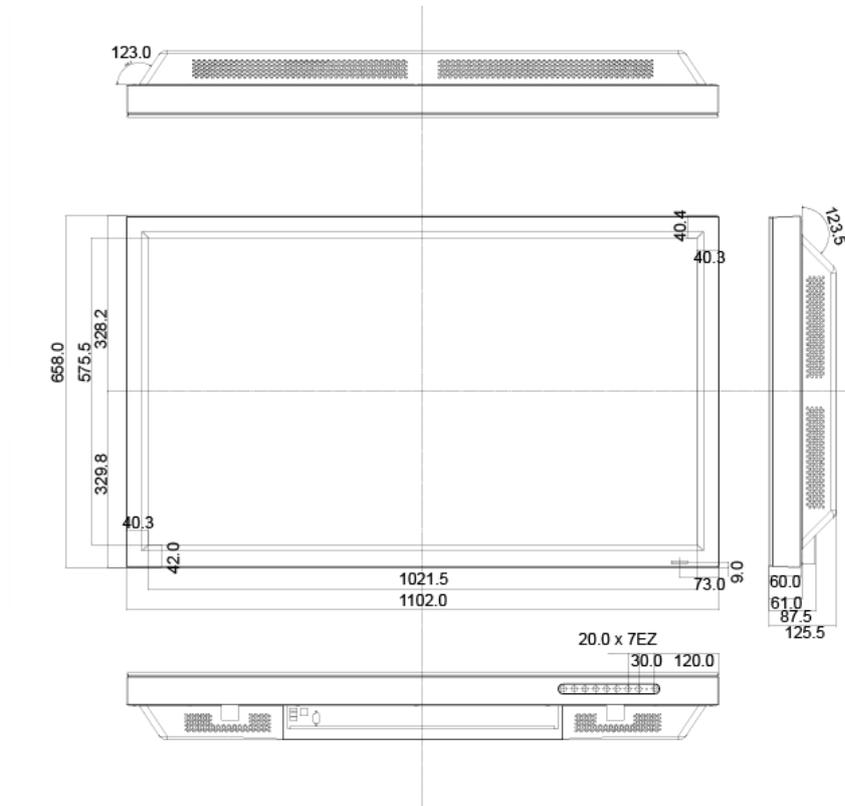


1.  
2. 가  
3. -2° ~ 15°

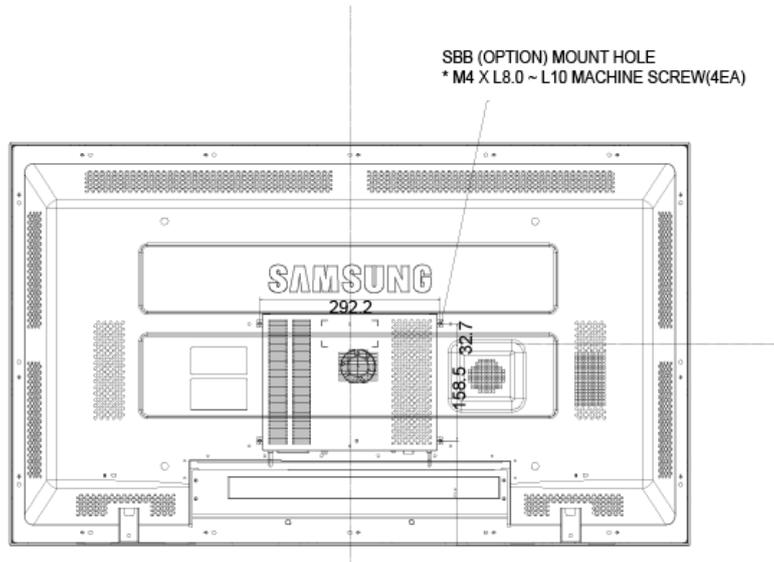
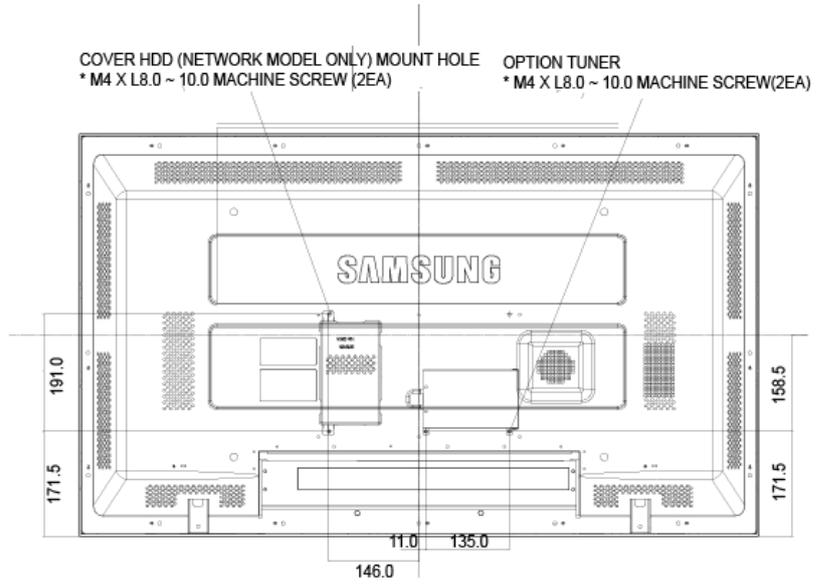


## Mechanical Layout(460FP-2, 460FPn-2)

### Mechanical Layout

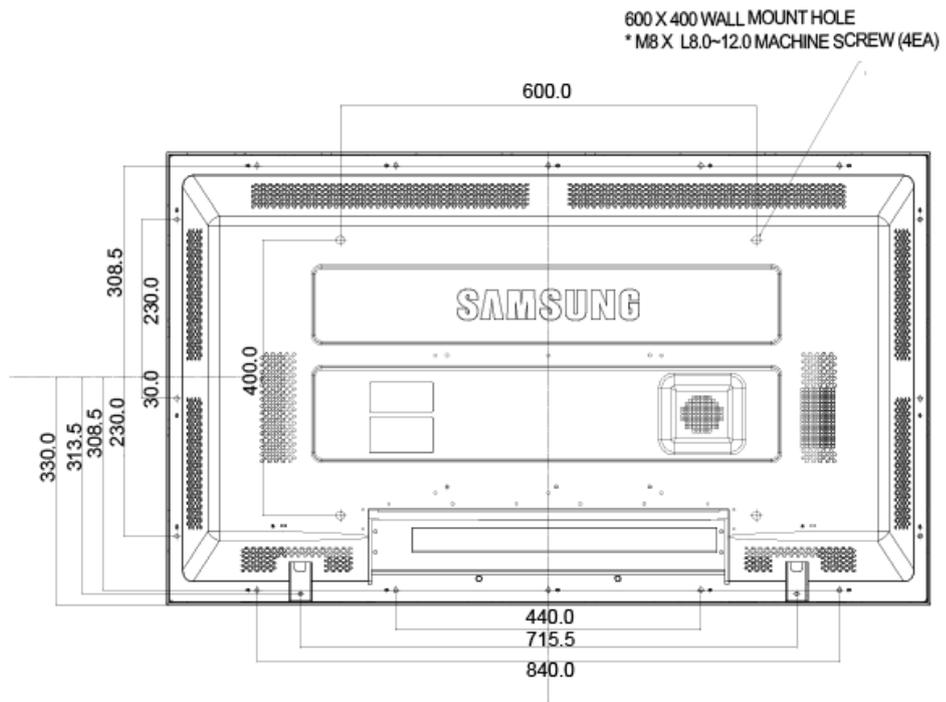


# LCD Display



## VESA

- VESA                    VESA
- VESA                    :
- LCD
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chine

6mm,

8mm ~

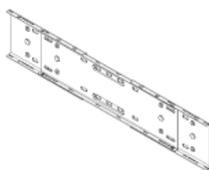
12mm

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1 )



( 4 )



(A)  
( 11 )



(B)  
( 4 )

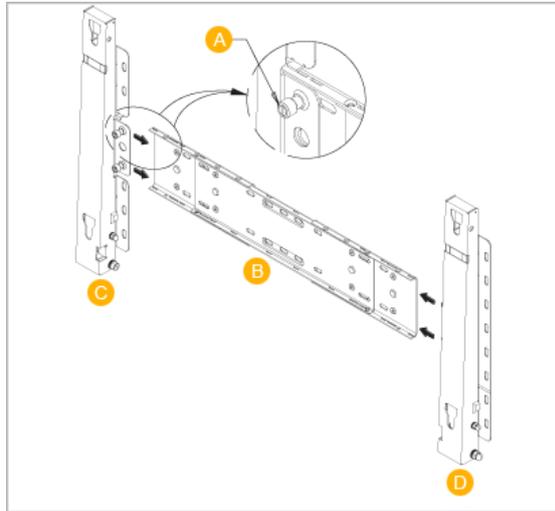


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1.

(CAPTIVE SCREW)



A -

B -

C -

( )

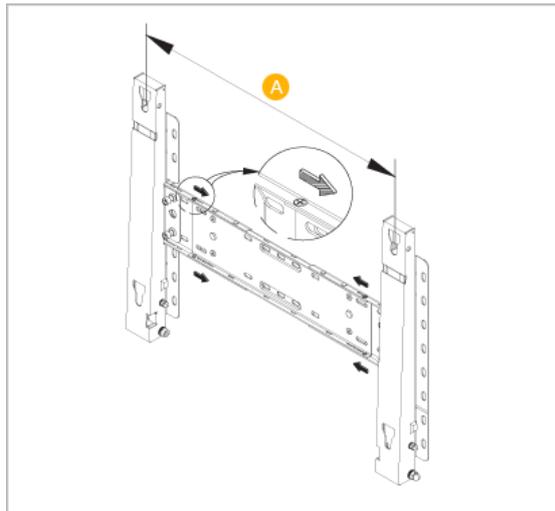
D -

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2.

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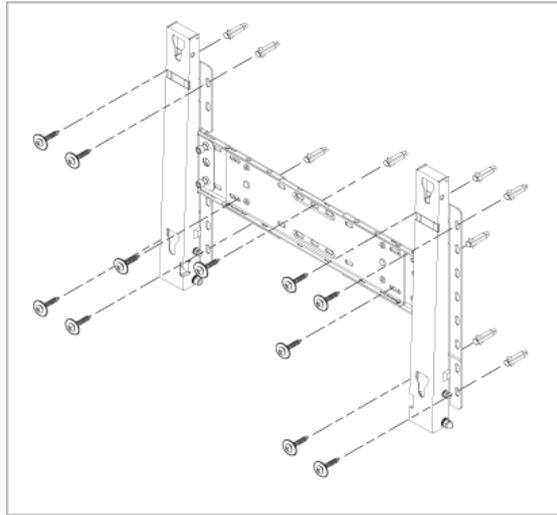
A -

3.

35mm

5.0mm

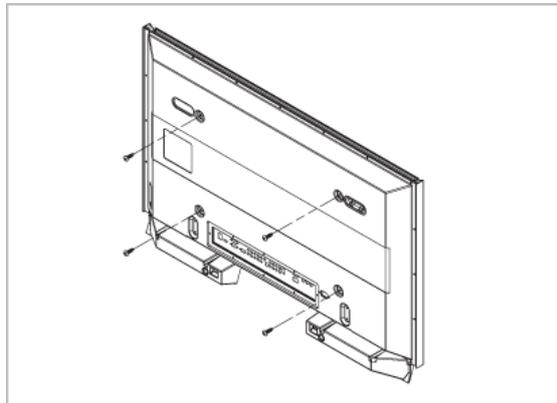
A 11



가 .( + )

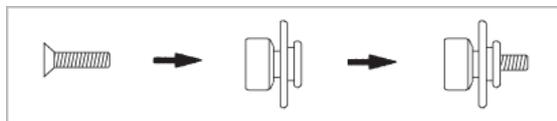
1.

4



2.

B



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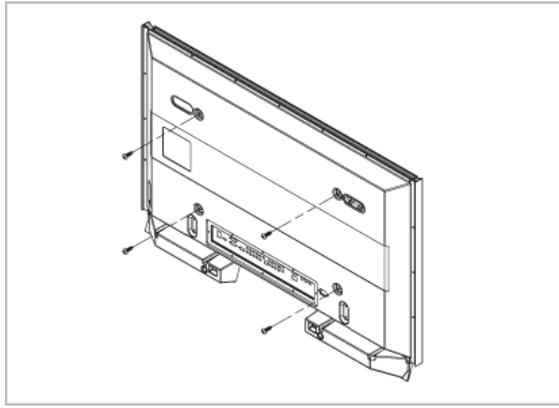
3. 2

(

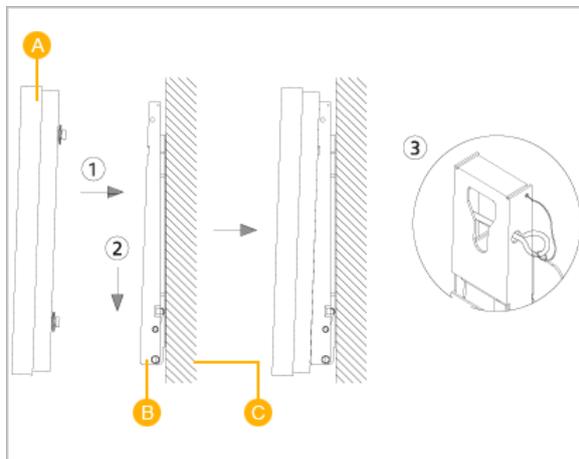
+

B)

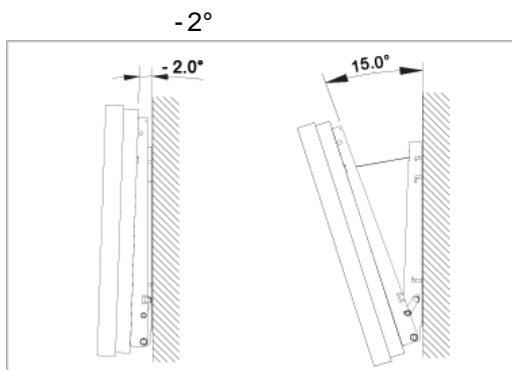
4



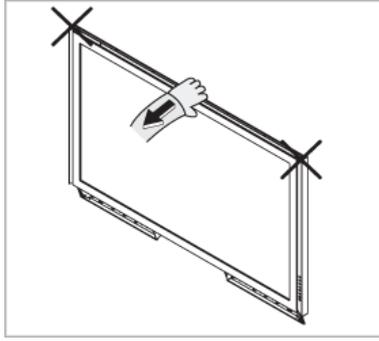
4. (2) (3) 4 가 (1) (3)



A -  
B -  
C -



1.  
2. 가  
3. -2° ~ 15°



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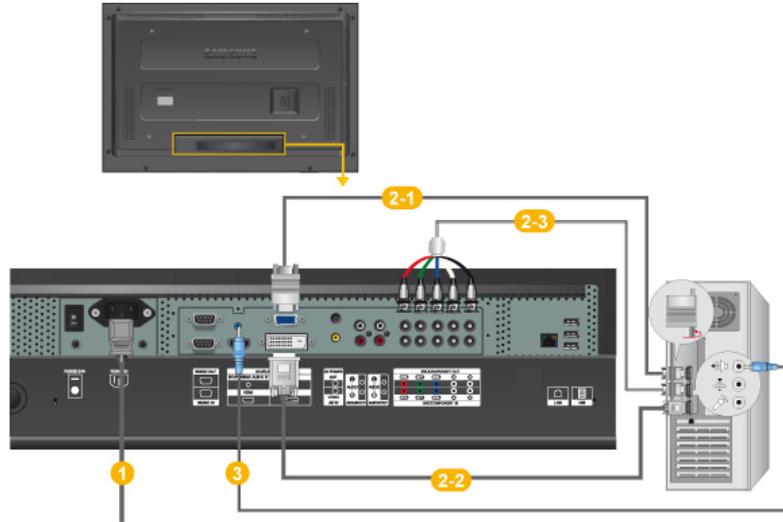
DVD, VCR

AV

가

AV

가



1

220V

110V

2

2가

. 2가

가

2-1

D-Sub( )

• D-Sub

RGB

D-Sub



2-2

DVI( )

• DVI

DVI

DVI



2-3

BNC( )

- BNC

D-Sub



3



- 
- DVI
- 



DVD, VCR

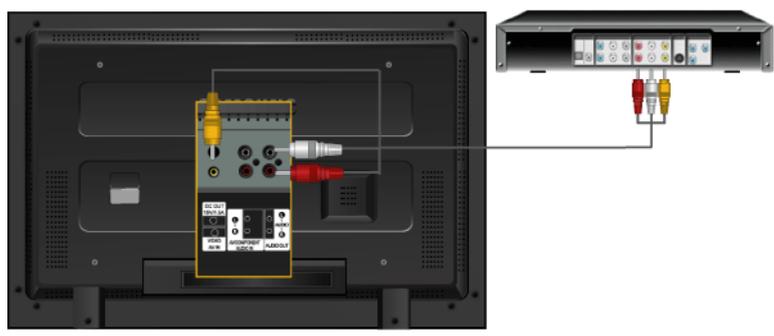
AV

가

AV

가

AV



1. DVD, VCR [R-AUDIO-L]

2. DVD, VCR DVD

3. SOURCE DVD, VCR 가 " "



DVD, VCR

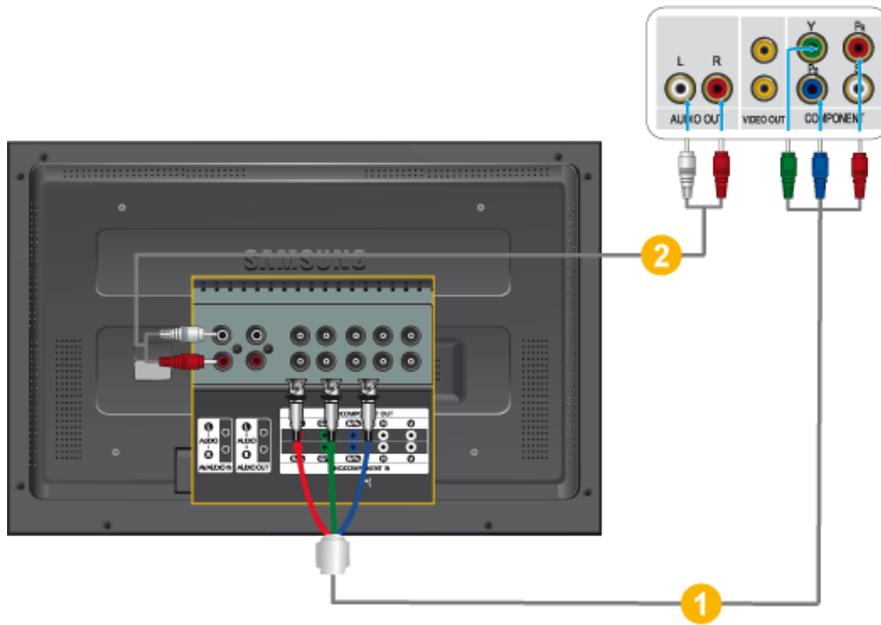
AV

가

AV

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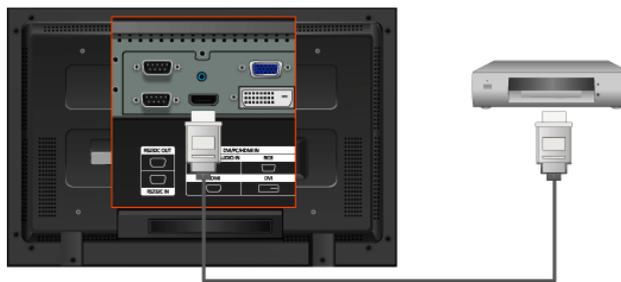
- 1. BNC/COMPONENT IN - PR, Y, PB PR, Y, PB
- 2. COMPONENT AUDIO IN L-AUDIO-R



- 'SOURCE'



## HDMI



- HDMI HDMI [HDMI]
- [HDMI] PC





LAN



- FPN-2

## USB



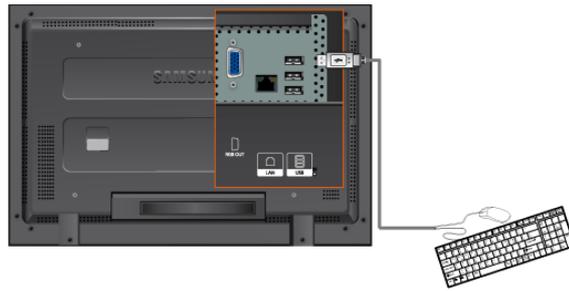
DVD, VCR

AV

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AV

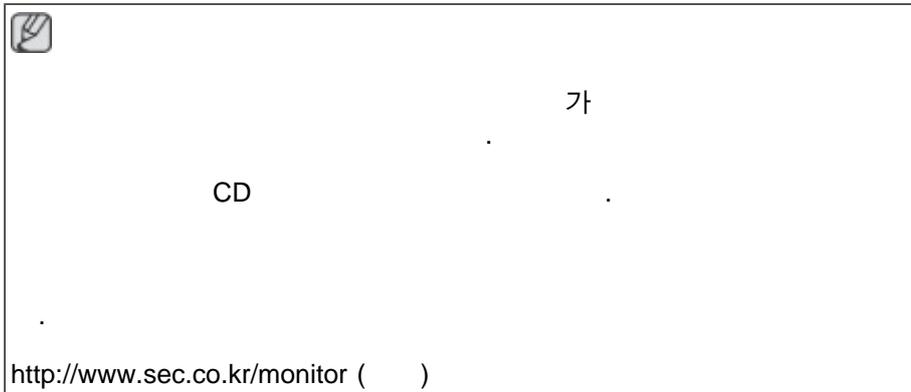
가



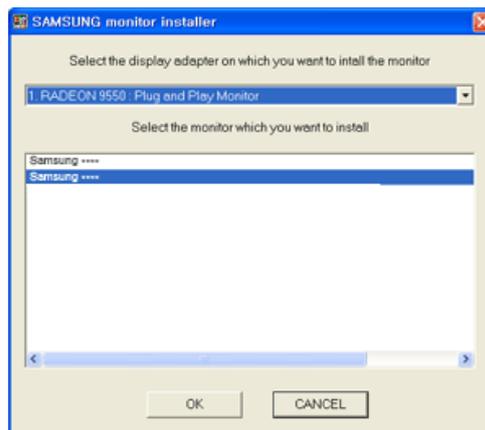
USB



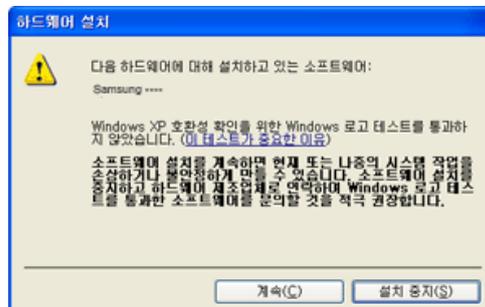
- FPN-2



1. CD CD-ROM
2. "Windows"
- 3.



4. dows® XP/2000 ). (Microsoft® Win-



MS

http://www.sec.co.kr/monitor

5. 가

Microsoft® Windows Vista ㄷ

1. CD CD-ROM

2. " ( ) " " " " " " "



3. " " " " " " " "

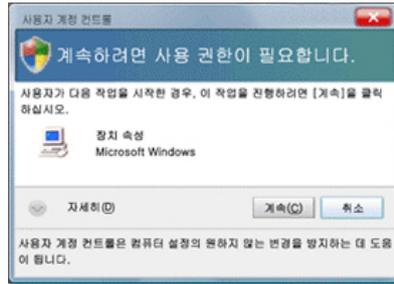


4. " " " " " " " "



5. " " " " " " " "

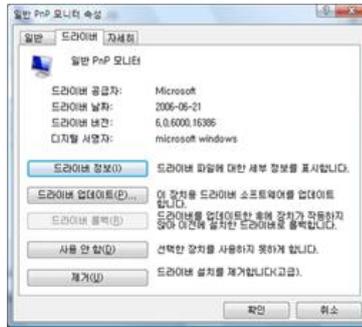
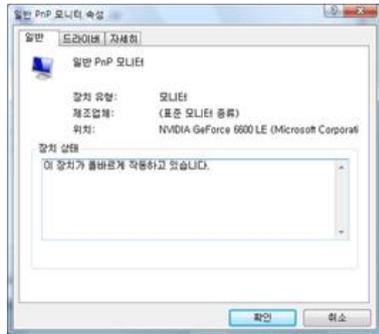
" " " " " " " "



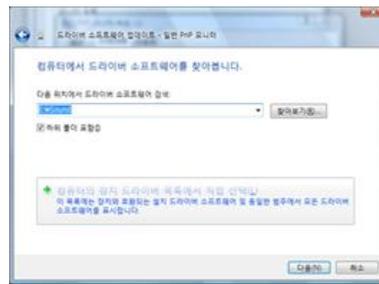
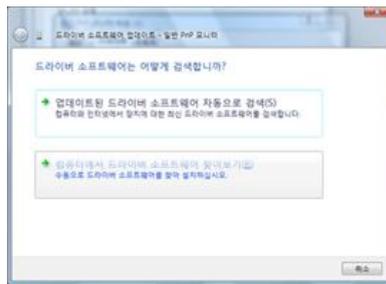
MS

<http://www.sec.co.kr/monitor>

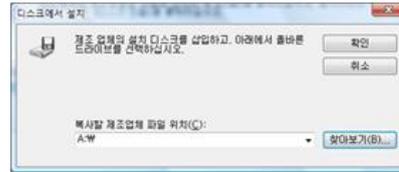
6. " " " "



7. " " " "



8. " " " " (:D:\Drive)

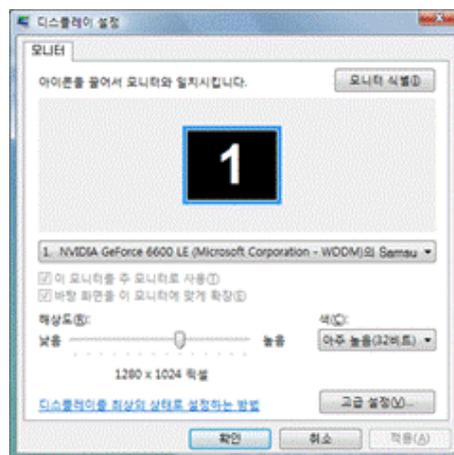
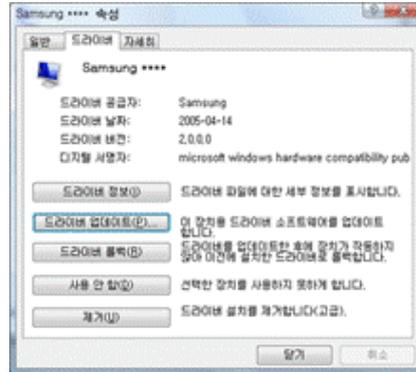
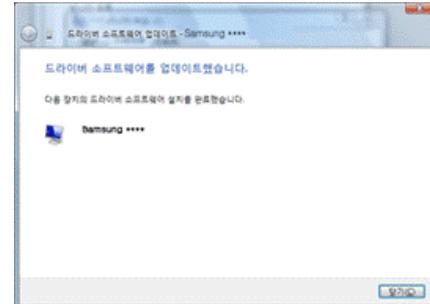


9.

“ ”



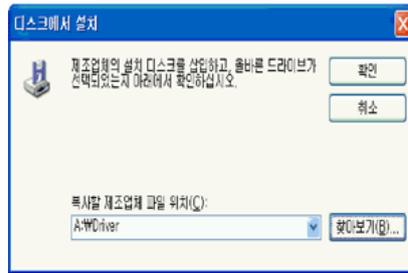
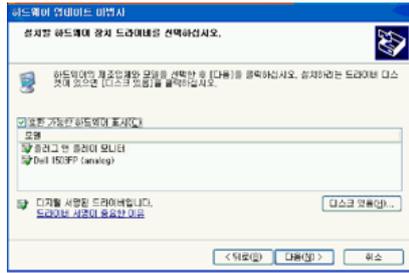
10.



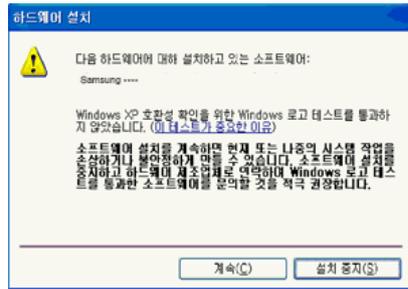
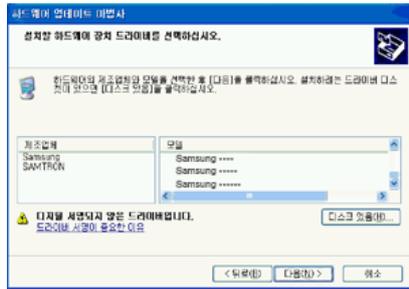
Microsoft® Windows® XP

1. CD CD-ROM





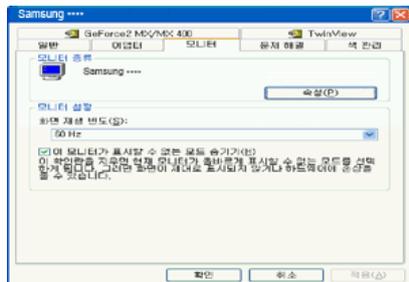
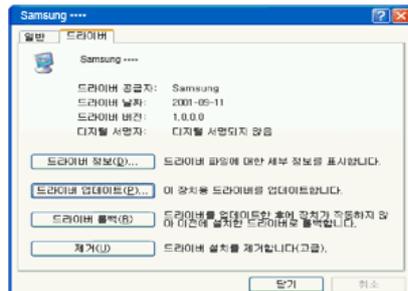
7.



MS

<http://www.sec.co.kr/monitor>

8.



Microsoft® Windows® 2000

- 
1. " " " " .
  2. " " " " .
  3. A:\( ,D:\Driver) " " .

1. " " " " " " .
2. " " .
3. " " " " " " .
4. " " " .
5. " " " " " " .
6. " " " " .
7. " " " " " .
8. A:\( ,D:\Driver) " " " " .
9. " " " " .
10. " " " " " " .

Microsoft® Windows® Me (Millennium)

1. " " " " " " .
2. " " .
3. " " .
4. " " .
5. " " " " .
6. " " " " .
7. " " " " " .
8. A:\( ,D:\Driver) " " " " .
9. " " " " .
10. " " .

Microsoft® Windows® NT

1. " " " " " " " " .
-

---

2. " " " " " "

3. ( , , ) " "



Linux

X-Window 가

X86Config

X86Config

1. X86Config

"Enter"

2.

3.

4.

5. " .." " "

6.

. ( 가 .)

7.

. ( 가

.)

8.

X-Window

9.

X-Window

## MDC



# MDC

1. CD CD-ROM

2. MDC

---



CD Rom MDC

3.

" "

4. "

" " "

5. " "

6.

7. " "

8. 가

MDC

---

MDC

---

F5 Key

---

**(MDC)**

MDC

[ ] [ ]/[ ] , [ 가/ ]

MDC [ 가/ ]

■ MDC

---

가

- **P** PC / BNC / DVI

- **A**

- **H** HDMI

- **M** MagicInfo

- **T** TV

- **C**

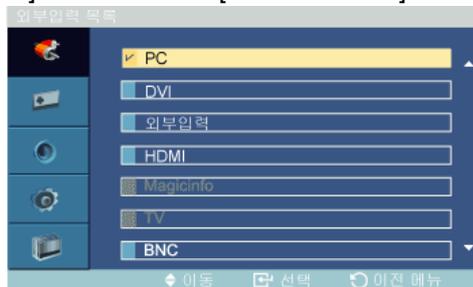


- TV TV

- MagicInfo FPN-2 FP-2

**PAHMTG**

MENU ENTER [ ] ENTER [ ]



▲, ▼ ENTER

**PC DVI**

1. **PC**

2. **DVI**

3.

4. **HDMI**

5. **MagicInfo**

FPN-2 FP-2

6. **TV**

---

TV

7. **BNC**

BNC BNC BNC

8.

BNC BNC

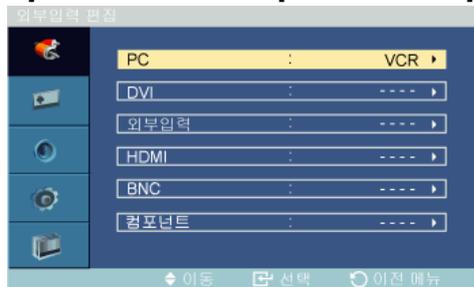


• 'SOURCE'

• **PC, DVI**



MENU ENTER [ ] ▼ ENTER [ ]



▲, ▼ ENTER

1. **PC**

2. **DVI**

3.

4. **HDMI**

[ **PC / DVI / MagicInfo** ]

가

• **P** PC / BNC / DVI

• **A**

• **H** HDMI

• **M** MagicInfo

• **T** TV

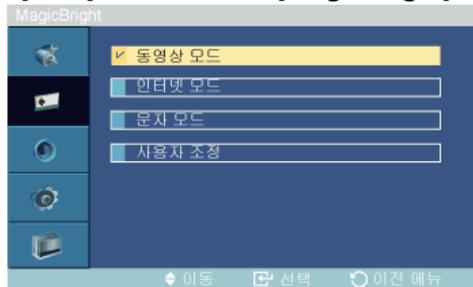
• **C**



- TV TV
- MagicInfo FPN-2 FP-2

## MagicBright **PM**

MENU ▼ ENTER [ ] ENTER [MagicBright]



▲, ▼ ENTER

MagicBright , PC

가 3가

1.

(DVD,TV/HDTV, )  
가

2.

( + ) 가

3.

4.

**PM**

가

MENU ▼ ENTER [ ] ▼ ENTER [ ]



### MagicBright

1.

MENU ▼ ENTER [ ] ▼ ENTER [ ] ENTER [ ]



◀ ▶ ENTER

2.

MENU ▼ ENTER [ ] ▼ ENTER [ ] ▼ ENTER  
[ ]



◀ ▶ ENTER

3.

MENU ▼ ENTER [ ] ▼ ENTER [ ] ▼ ▼ ENTER  
[ ]



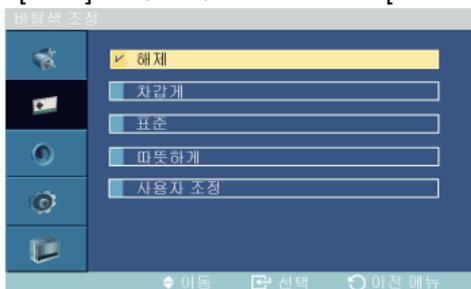
◀ ▶ ENTER



### MagicBright



MENU ▼ ENTER [ ] ▼ ▼ ENTER [ ]



▲ ▼ ENTER

1.

2.

3.

4.

5.

PC



PM

MENU ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ]

PC

가

1.

MENU ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ] ENTER  
[ ]



◀ ▶ ENTER

2.

MENU ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ] ▼  
ENTER [ ]



◀ ▶ ENTER

3.

MENU ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ] ▼ ▼  
ENTER [ ]



◀ ▶ ENTER



PM

MENU ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ]



◀, ▶ ENTER

( / / )



**P**

( )

( )

**PC**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ENTER [ ]

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ENTER [ ] ENTER  
[ ]



◀, ▶ ENTER

( )

가  
가

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ENTER [ ] ▼ ENTER  
[ ]



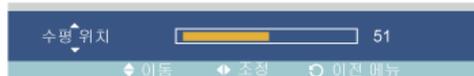
◀, ▶ ENTER

( )

가

1.

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ENTER [ ] ▼  
▼ ENTER [ ]



◀, ▶ ENTER

2.

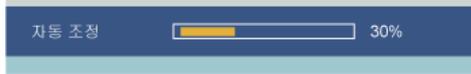
MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ENTER [ ] ▼ ▼  
▼ ENTER [ ]



◀▶ ENTER

**P**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]



**PC**



'AUTO'

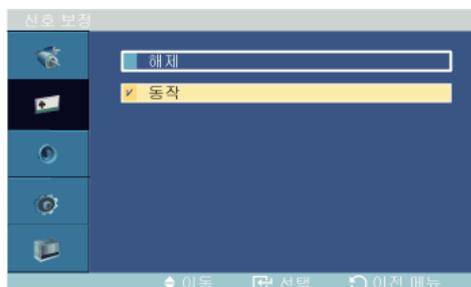
**P**

RGB

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]

(PC .)

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
ENTER [ ]



▲, ▼ ENTER

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ] ▼  
ENTER [ ]

### 1. R-Gain

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
▼ ENTER [ ] ENTER [R-Gain]



◀▶ ENTER

2. **G-Gain**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
▼ ENTER [ ] ▼ ENTER [G-Gain]



◀ ▶ ENTER

3. **B-Gain**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
▼ ENTER [ ] ▼ ▼ ENTER [B-Gain]



◀ ▶ ENTER

4. **R-Offset**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
▼ ENTER [ ] ▼ ▼ ▼ ENTER [R-Offset]



◀ ▶ ENTER

5. **G-Offset**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
▼ ENTER [ ] ▼ ▼ ▼ ▼ ENTER [G-Offset]



◀ ▶ ENTER

6. **B-Offset**

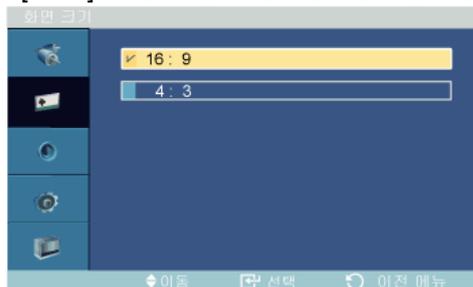
MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ENTER [B-Offset]



◀ ▶ ENTER

**P**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]



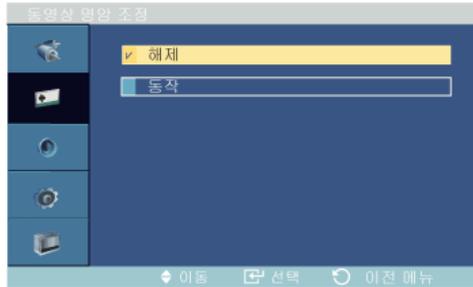
▲, ▼ ENTER

1. 16:9

2. 4:3

**PM**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]



▲, ▼ ENTER

1.

2.

[ / HDMI/ TV ]

가

• **P** PC / BNC / DVI

• **A**

• **H** HDMI

• **M** MagicInfo

• **T** TV

• **C**

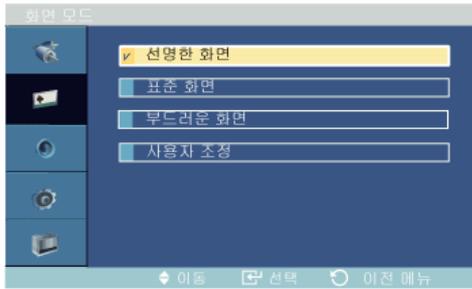


• TV TV

• MagicInfo FPN-2 FP-2

**AHTC**

MENU ▼ ENTER [ ] ENTER [ ]



▲, ▼ ENTER

, 가

( 가 )

- 1.
- 2.
- 3.
- 4.



P.MODE



가

MENU ▼ ENTER [ ] ▼ ENTER [ ]

( 가 )

MENU ▼ ENTER [ ] ▼ ENTER [ ] ENTER [ ]



◀, ▶ ENTER

MENU ▼ ENTER [ ] ▼ ENTER [ ] ▼ ENTER [ ]



◀, ▶ ENTER

MENU ▼ ENTER [ ] ▼ ENTER [ ] ▼ ▼ ENTER [ ]



◀, ▶ ENTER

MENU ▼ ENTER [ ] ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ]



◀, ▶ ENTER

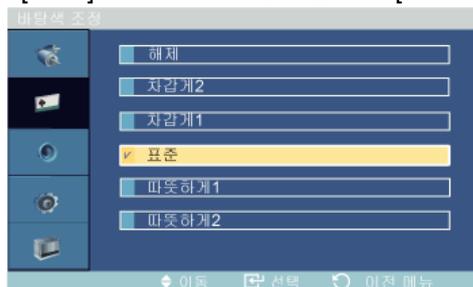
MENU ▼ ENTER [ ] ▼ ENTER [ ] ▼ ▼ ▼ ▼ ENTER [ ]



◀, ▶ ENTER



MENU ▼ ENTER [ ] ▼ ▼ ENTER [ ]



▲, ▼ ENTER

TV

( 가 )

1.

2. 2

3. 1

4.

5. 1

6. 2



2, 1, , 1, 2

### AHTC

MENU ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ]



◀, ▶ ENTER

( / / )

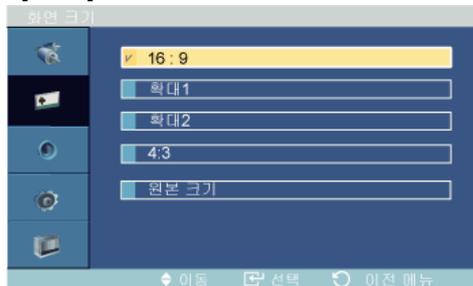
( 가 )



( .)

### AHC

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ENTER [ ]



▲, ▼ ENTER

1. 16:9

2. 1

3. 2

4. 4:3

5.

( 가 )



1, 2 HDMI 1080i 720p

HDMI

---

## (Digital Noise Reduction) **AHTC**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ENTER [ ]



▲, ▼ ENTER

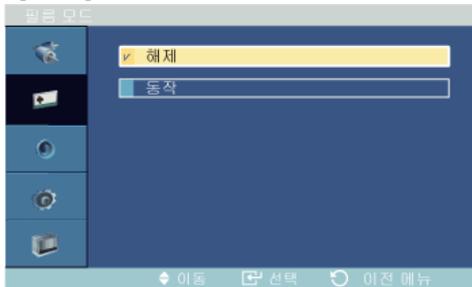
1.

2.



## **ATC**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]



▲, ▼ ENTER

(24 frames) TV(30 frames)

- 가

## HDMI

1.

2.

## **AHTC**

MENU ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]

---



▲, ▼ ENTER

- 1.
- 2.

가

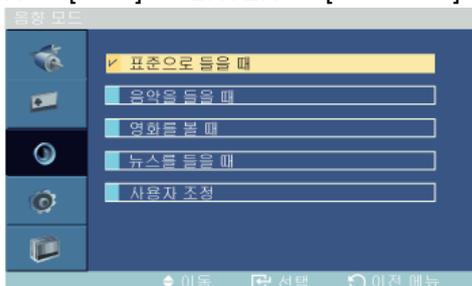
- **P** PC / BNC / DVI
- **A**
- **H** HDMI
- **M** MagicInfo
- **T** TV
- **C**



- TV TV
- MagicInfo FPN-2 FP-2

**PAHMTG**

MENU ▼ ▼ ENTER [ ] ENTER [ ]



▲, ▼ ENTER

가

1.

2.

3.

4.

가

5.

가

PAHMTG

가

MENU ▼ ▼ ENTER [ ] ▼ ENTER [ ]



• 가 0 가

•

MENU ▼ ▼ ENTER [ ] ▼ ENTER [ ] ENTER [ ]



◀ ▶ ENTER

MENU ▼ ▼ ENTER [ ] ▼ ENTER [ ] ▼ ENTER [ ]



◀ ▶ ENTER

MENU ▼ ▼ ENTER [ ] ▼ ENTER [ ] ▼ ▼ ENTER [ ]



◀, ▶ ENTER

2

**PAHMTG**

MENU ▼ ▼ ENTER [ ] ▼ ▼ ENTER [ ]



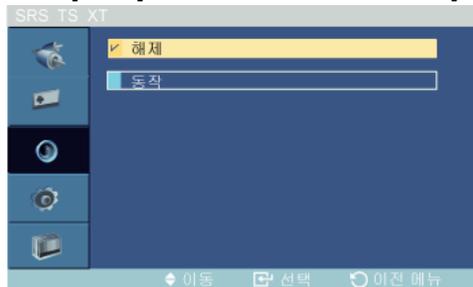
▲, ▼ ENTER

가

- 1.
- 2.

**SRS TS XT PAHMTG**

MENU ▼ ▼ ENTER [ ] ▼ ▼ ▼ ENTER [SRS TS XT]



▲, ▼ ENTER

**SRS TS XT 2**

5.1  
TruSurround  
가

2

- 1.
- 2.



'SRS'

가

- **P** PC / BNC / DVI

- **A**
- **H** HDMI
- **M** MagicInfo
- **T** TV
- **C**



- TV TV
- MagicInfo FPN-2 FP-2

**PAHMTG**

MENU ▼ ▼ ▼ ENTER [ ] ENTER [ ]



▲, ▼ ENTER

11가

English, Deutsch, Español, Français, Italiano, Svenska, Русский  
Português, Türkçe, 简体中文, 繁體中文, 日本語, 한국어



**PAHMTG**

4가

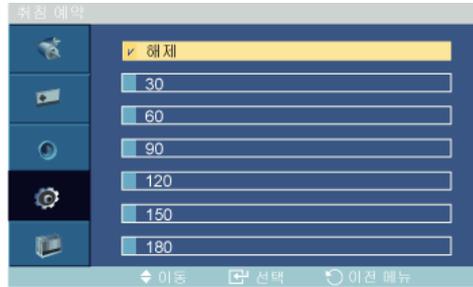
MENU ▼ ▼ ▼ ENTER [ ] ▼ ENTER [ ]

MENU ▼ ▼ ▼ ENTER [ ] ▼ ENTER [ ] ENTER [ ]



▲, ▼ / ◀, ▶ ENTER

MENU ▼ ▼ ▼ ENTER [ ] ▼ ENTER [ ] ▼ ENTER [ ]



▲, ▼ ENTER

가

- 1.
2. **30**
3. **60**
4. **90**
5. **120**
6. **150**
7. **180**

MENU ▼ ▼ ▼ ENTER [ ] ▼ ENTER [ ] ▼ ▼ EN-  
TER [ ]



▲, ▼ / ◀, ▶ ENTER

가

가

MENU ▼ ▼ ▼ ENTER [ ] ▼ ENTER [ ] ▼ ▼ ▼  
ENTER [ ]

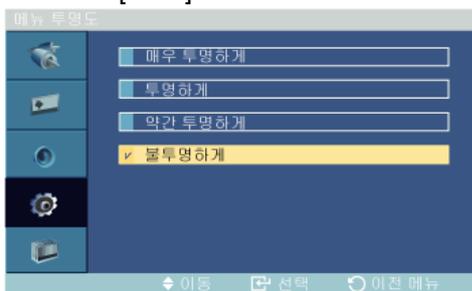


▲, ▼ / ◀, ▶ ENTER

가



MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ENTER [ ]



▲, ▼ ENTER

- 1.
- 2.
- 3.
- 4.



MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ]

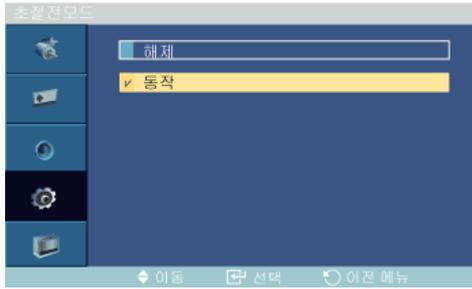


[0~9] [0~9] [0~9]

MENU ▲, ▼ ENTER ▲, ▼ ENTER [0~9] [0~9] [0~9]

**PAHMTC**

MENU [ ] ENTER [ ]



▲, ▼ ENTER

1.

2.



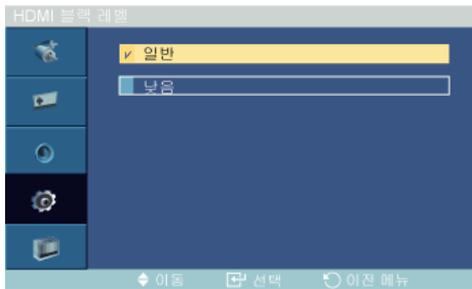
icInfo WOL(Wake On LAN)

MDC Mag-

**HDMI**



MENU [ ] ENTER [HDMI ]



▲, ▼ ENTER

HDMI ( DVD , TV )가

HDMI

1.

2.

**Matrix**



가 , Matrix 가

Matrix

Matrix 가

MENU Matrix [ ] ENTER [ ]



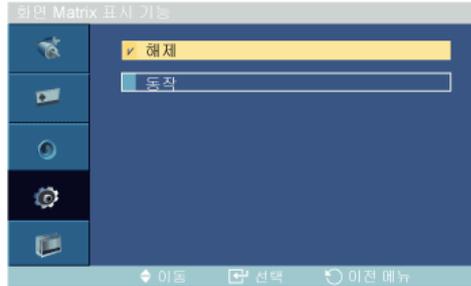
**Matrix**

**MagicNet**

Matrix

## Matrix

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ **Matrix** ]

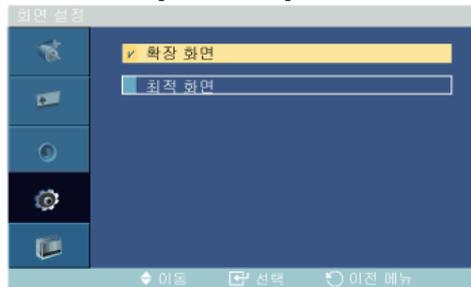


◀, ▶ ENTER

Matrix

- 1.
- 2.

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]

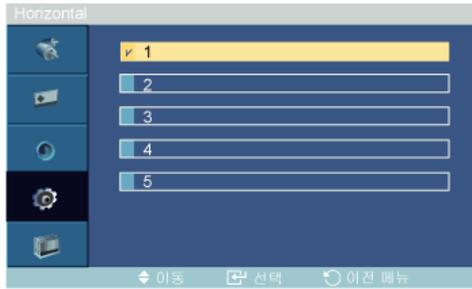


▲, ▼ ENTER

- 1.
- 2.

## Horizontal

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ **Horizontal** ]

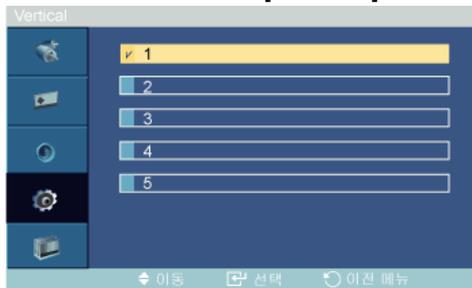


▲, ▼ ENTER

- 1,2,3,4,5 가 .

### Vertical

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ Matrix ] ▼ ▼ ▼ ENTER [Vertical]



▲, ▼ ENTER

- 1,2,3,4,5 가 .

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ Matrix ] ▼ ▼ ▼ ENTER [ ]



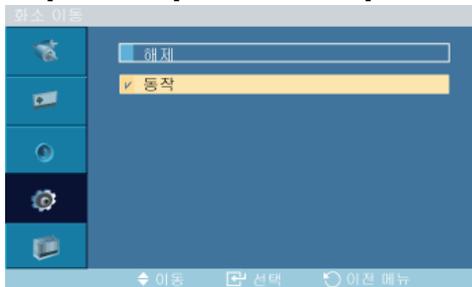
- 
-

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]

PDP

- 
- 

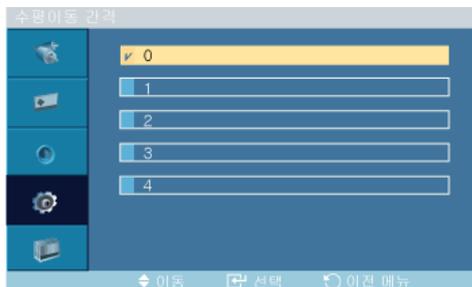
MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ] ENTER [ ] ▲, ▼ ENTER



< >, < >, < >

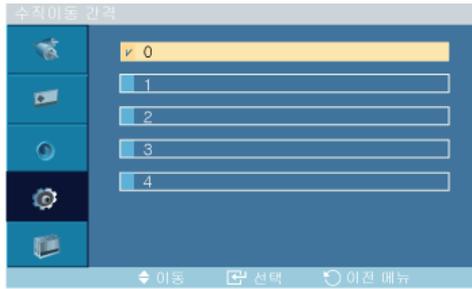
- 1.
- 2.

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ] ENTER [ ] ENTER [ ] ▲, ▼



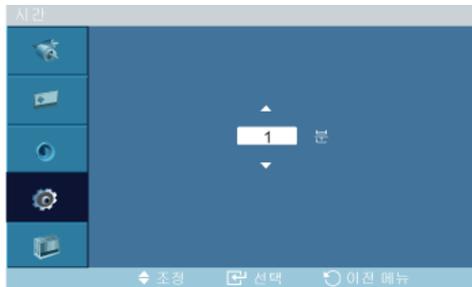
0,1,2,3,4 가 .

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ] ENTER [ ] ENTER [ ] ▲, ▼

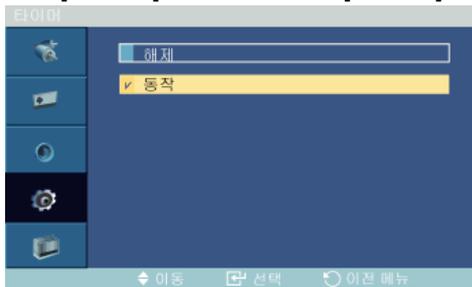


0,1,2,3,4 가 .

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
 ] ENTER [ ] ▼ ▼ ▼ ▼ ENTER [ ] ▲, ▼  
 ENTER

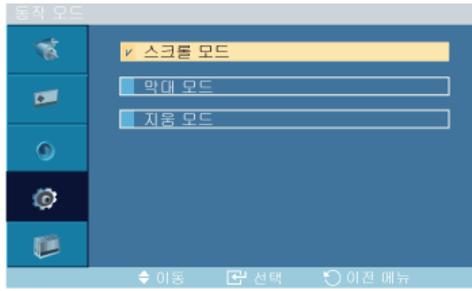


MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
 ] ▼ ENTER [ ] ENTER [ ] ▲, ▼ ENTER



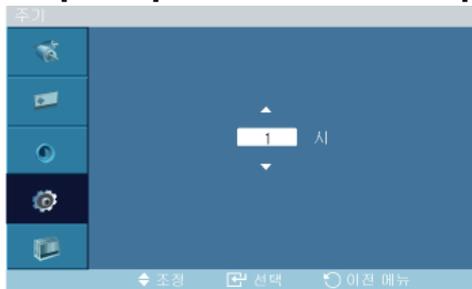
- 1.
- 2.

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
 ] ▼ ENTER [ ] ▼ ENTER [ ] ▲, ▼ ENTER

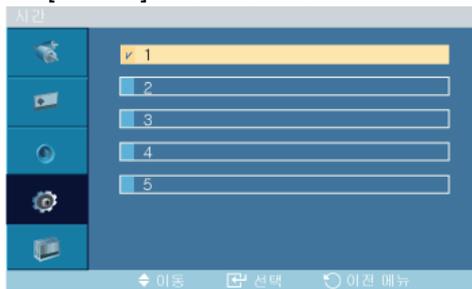


- 1.
- 2.
- 3.

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
 ] ▼ ENTER [ ] ▼ ▼ ENTER [ ] ▲, ▼ ENTER

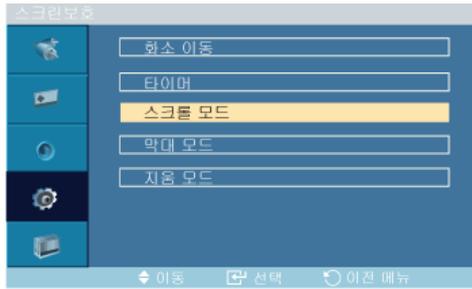


MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
 ] ▼ ENTER [ ] ▼ ▼ ▼ ENTER [ ] ▲, ▼ ENTER

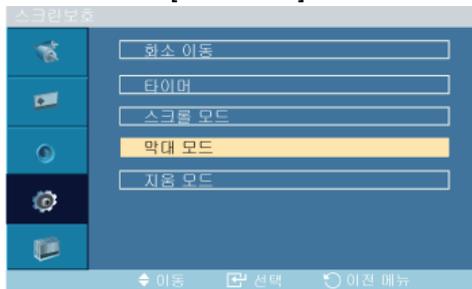


- - : 1~5
- - , : 10~50
- - , : 1, 5, 10, 20 30

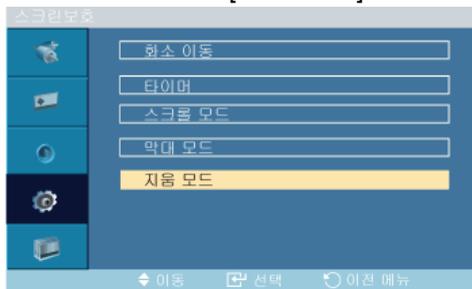
MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER [ ]  
 ] ▼ ▼ ENTER [ ]



MENU [ ] ENTER [ ] ENTER [ ]

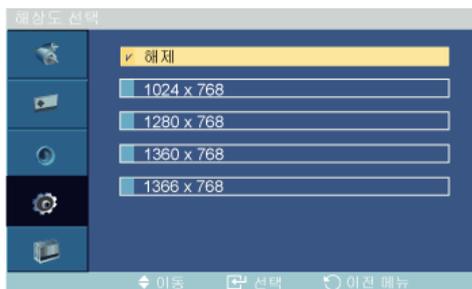


MENU [ ] ENTER [ ] ENTER [ ]



**P**

MENU [ ] ENTER [ ] ENTER



▲, ▼ ENTER

PC 1024 x 768 @ 60Hz, 1280 x 768 @ 60Hz, 1360 x 768 @ 60Hz, 1366 x 768 @ 60Hz  
가



PC

- 1.
2. 1024 X 768
3. 1280 X 768
4. 1360 x 768
5. 1366 X 768



1024 x 768 @ 60Hz, 1280 x 768 @ 60Hz, 1360 x 768 @ 60Hz, 1366 x 768 @ 60Hz



MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ENTER  
[ ]



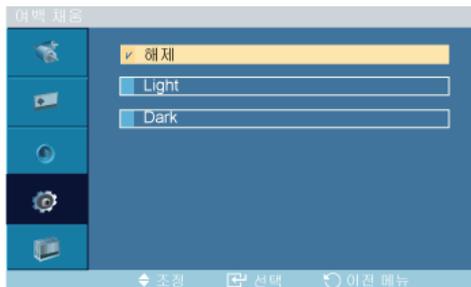
▲, ▼ ENTER



:



MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼  
ENTER [ ]



▲, ▼ ENTER

- 1.
2. **Light**
3. **Dark**

. PC DVI 가

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼  
ENTER [ ]

**P**

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼  
ENTER [ ] ENTER [ ]



◀, ▶ ENTER



PC



**Matrix**

**PAHMTG**

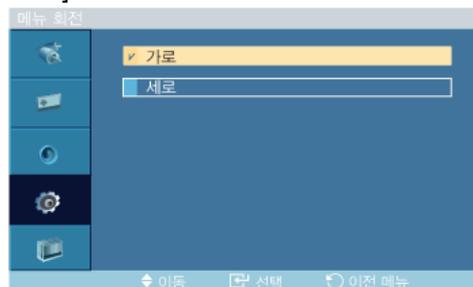
MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼  
ENTER [ ] ▼ ENTER [ ]



◀, ▶ ENTER

**PAHMT**

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼  
▼ ENTER [ ]



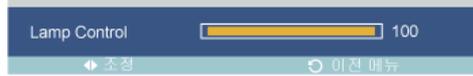
◀, ▶ ENTER

가

1. 가
- 2.

### Lamp Control PAHMT

MENU ▼ ▼ ▼ ENTER [ ] ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼  
▼ ENTER [Lamp Control]



◀ ▶ ENTER



PC, DVI, , HDMI, TV

### Multi Control

가

- **P** PC / BNC / DVI
- **A**
- **H** HDMI
- **M** MagicInfo
- **T** TV
- **C**



- TV TV
- MagicInfo FPN-2 FP-2

### Multi Control PAHMT C

ID

MENU ▼ ▼ ▼ ▼ ENTER [Multi Control] ENTER



---

▲, ▼ [0~9]

- ID

ID

- ID

. ID 가

## MagicInfo

가

- **P** PC / DVI
- **A**
- **H** HDMI
- **M** MagicInfo
- **T** TV



- TV TV
- FP-2 MagicInfo



- **MagicInfo** 가 USB

- Device **MagicInfo** 가

- Network ( , ) LAN

- USB ( , ) LAN

- **MagicInfo** Source

- "000000"

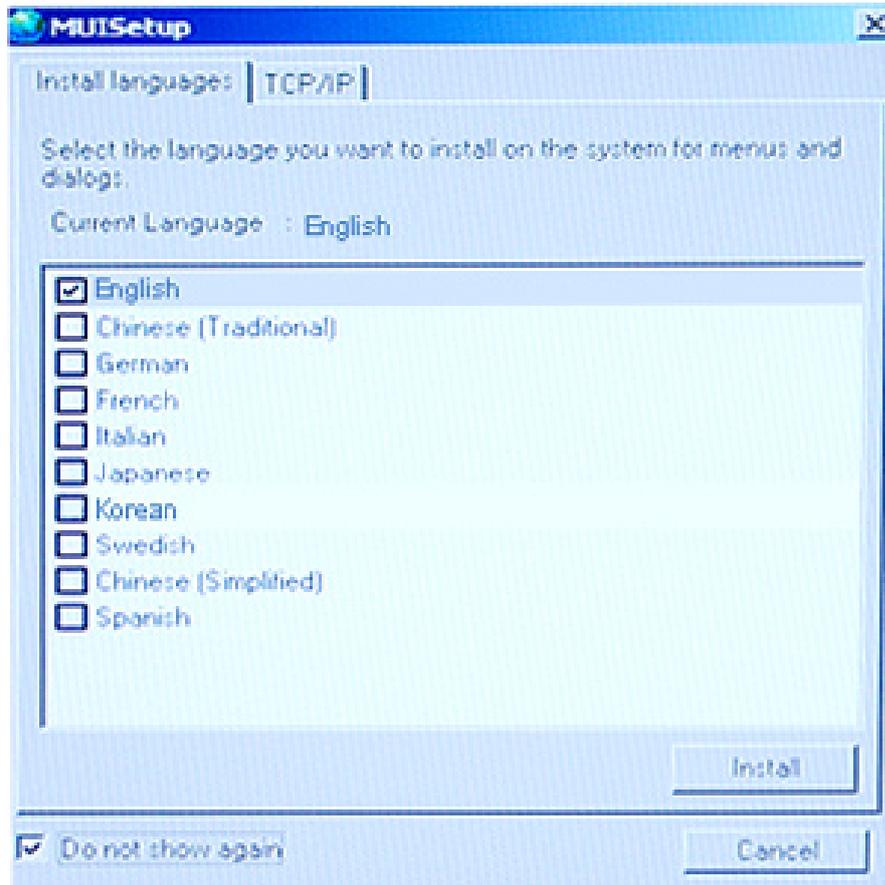
- 

- **MagicInfo** OSD Network Device 가

- MagicInfo Server **MagicInfo** : Network

- MagicInfo : Device
- ALT + F12 MagicInfo
- MagicInfo 가
- MagicInfo MagicInfo
- 가
- Video SD
- D EWF 가
- EWF 가 Enable Setup Commit
- Disable , Enable , Commit

## Magicinfo



1. Source List Magicinfo
  2. MUISetup
  3. install
- Do not show again install Scheduler

- 
4. , "ALT+F12" .
  5. , **MagicInfo** ( )



- 가 **Magicinfo**



, 가 . 가

, 가

1.

2.

3.

가 ( )

LED



4.

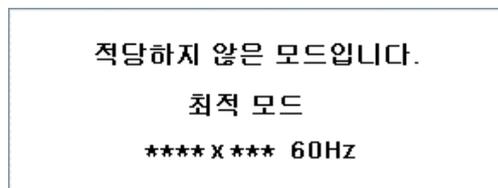
1920 x 1080

가

가

1

. 85Hz



가

>

1)



- ,
- . ( )

2)

( )



- , ,
- ( .)
- 

/



PC

PC

가

1

1.

2.

3

(" " 가 3 .)

3.

PC

( )

4.

50Hz ~ 85Hz

( , 60Hz .)

5.

" " " "

( )



•

•

MagicInfo

(PC )



Q:

---

A:

( )



Q:

A:

( )

Q: " " 가

A:

( )

A:

Q: " " 가

A: 가

A:

Q:

A:

( )

Q:

A:

A: ( )

A:

Q:

A: 가 가  
가

Q: 가

A: 가 가  
가

Q:

A:

---

---

( , )

Q:

A:

Q:

A:

Q:

A:

Q:

0.5 1

A: 가

A:

Q:

A: MENU

"TEST GOOD"



Q: 가

A:

( )

A:

Q: 가

A:

A: 가

Q: 가

A:



Q:

A: +/- 가 ?

A: 가 ?

A: 가 ?

---

---

A: 가 ?

A: ?

## MagicInfo



가 USB Flash Disk .

Q: 가 USB Flash Disk

A: 1) 512Mb USB USB Bootable Disk TOOL 가 USB  
Disk . ( ) : HP USB Disk Storage Format Tool)

A: 2) USB Disk OS .

A: 3) CMOS Setup 가 USB Booting 가  
"Usb Boot First" Enable .

A: 4) USB Disk set power on USB .

A: 5) c:\ghost Local Partition From Image USB  
Disk .

A: 6) 가 .

Q: ?

A: .



. ( .)

Q: ?

A: Windows XP:  
Set the resolution in the .

A: Windows ME/2000:

\*

Q: ?

A: Windows XP:  
Set the resolution in the .

BIOS SETUP . (Windows/  
)

A: Windows ME/2000:

---

---

BIOS SETUP

. (Windows/

)

Q: /LCD

?

A:

, LCD  
가

가

,

Q:

?

A: Movie  
MPEG1

WMV, MPEG1

가

.(

)

. WMV,  
,



,  
가

.  
가

---

---

SyncMaster 400FP-2, SyncMaster 400FPN-2

SyncMaster 460FP-2, SyncMaster 460FPN-2

---

SyncMaster 400FPn-2    MG40PO

---

SyncMaster 460FP-2    MG40PX

---

SyncMaster 460FPn-2    MG46PO

---

SyncMaster 460FP-2    MG46PX

---

**LCD**

---

SyncMaster 40 (101 cm)  
400FP-2, Sync-  
Master  
400FPN-2

---

SyncMaster 46 (116 cm)  
460FP-2, Sync-  
Master  
460FPN-2

---

SyncMaster 885.17 mm (H) X 497.7 mm (V)  
400FP-2, Sync-  
Master  
400FPN-2

---

SyncMaster 1018.08 mm (H) X 572.7 mm (V)  
460FP-2, Sync-  
Master  
460FPN-2

---

SyncMaster 0.648 mm (H) X 0.648 mm (V)  
400FP-2, Sync-  
Master  
400FPN-2

---

SyncMaster 0.53025 mm (H) x 0.53025 mm (V)  
460FP-2, Sync-  
Master  
460FPN-2

---

---

30~81 kHz

---

56~85 Hz

---

SyncMaster 400FP-2, Sync- Master 400FPN-2	1920 x 1080 @ 60 Hz (RB)
SyncMaster 460FP-2, Sync- Master 460FPN-2	1920 x 1080 @ 60 Hz
SyncMaster 400FP-2, Sync- Master 400FPN-2	1920 x 1080 @ 60 Hz (RB)
SyncMaster 460FP-2, Sync- Master 460FPN-2	1920 x 1080 @ 60 Hz

RGB , DVI(Digital Visual Interface) RGB

0.7 Vp-p ± 5 %

H/V sync, , SOG

TTL (V high 2.0 V, V low 0.8 V)

165MHz (Analog,Digital)

AC 100 - 240 V~ (+/- 10 %), 50/60 Hz ± 3 Hz

D-sub(15 Pin)

DVI-D to DVI-D

( x x )/

SyncMaster 400FP-2, SyncMaster 400FPN-2	971.0 x 582.0 x 119.0 mm ( )
	971.0 x 643 x 311.0 mm ( ) / 19.0 kg
	( - ) 22.5 kg

SyncMaster 460FP-2, SyncMaster 460FPN-2	1102.0 x 658.0 x 125.5 mm ( )
	1102.0 x 719.0 x 311.0 mm ( ) / 27.0 kg
	( - ) 32.0 kg

**(VESA Stand)**

600 mm x 400 mm

400FPn-2, 460FPn-2	: 10°C ~ 40°C (50°F ~ 104°F)
	: 10 % ~ 80 %,
	: -20°C ~ 45°C (-4°F ~ 113°F)
400FP-2, 460FP-2	: 0°C ~ 40°C (32°F ~ 104°F)
	: 10 % ~ 80 %,
	: -20°C ~ 45°C (-4°F ~ 113°F)
	: 5 % ~ 95 %,

가

LCD		1ppm( 1)
LCD	Sub Pixel : 40 (101 cm )	: 6,220,800
LCD	Sub Pixel : 46 (116 cm )	: 6,220,800



B (가 )

가 (B )

(B A 가

.)

가 ,

**PowerSaver ( )**

		( )
400FPn-2	228 W	5 W 0 W
460FPn-2	310 W	5 W 0 W

**PowerSaver ( )**

	( )
400FP-2	180 W 2 W 0 W
460FP-2	240 W 2 W 0 W

가  
가

	(kHz)	(Hz)	(MHz)	( / ) (H/V)
IBM, 640 x 350	31.469	70.086	25.175	+/-
IBM, 640 x 480	31.469	59.940	25.175	-/-
IBM, 720 x 400	31.469	70.087	28.322	-/+
MAC, 640 x 480	35.000	66.667	30.240	-/-
MAC, 832 x 624	49.726	74.551	57.284	-/-
MAC, 1152 x 870	68.681	75.062	100.000	-/-
VESA, 640 x 480	37.861	72.809	31.500	-/-
VESA, 640 x 480	37.500	75.000	31.500	-/-
VESA, 800 x 600	35.156	56.250	36.000	+/+
VESA, 800 x 600	37.879	60.317	40.000	+/+
VESA, 800 x 600	48.077	72.188	50.000	+/+
VESA, 800 x 600	46.875	75.000	49.500	+/+
VESA, 848 x 480	31.020	60.000	33.750	+/+
VESA, 1024 x 768	48.363	60.004	65.000	-/-
VESA, 1024 x 768	56.476	70.069	75.000	-/-
VESA, 1024 x 768	60.023	75.029	78.750	+/+
VESA, 1152 x 864	67.500	75.000	108.000	+/+
VESA, 1280 x 768	47.776	59.870	79.500	-/+
VESA, 1280 X 960	60.000	60.000	108.000	+/+
VESA, 1280 X 1024	63.981	60.020	108.000	+/+
VESA, 1280 X 1024	79.976	75.025	135.000	+/+
VESA, 1360 x 768	47.712	60.015	85.500	+/+
VESA, 1600 x 1200	75.000	60.000	162.000	+/+
VESA, 1920 x 1080	66.587	59.934	138.500	+/-
VESA, 1920 x 1080	67.500	60.000	148.5	+/+



1  
fresh Rate

가  
kHz  
가  
Hz , Re-

Line

가

kHz

가

Hz

Re-

---

가 가



- 1588 - 3366
- 02-541-3000
- 080-022-3000
- <http://www.samsung.com/sec>

가

- <http://www.samsung.com/sec>

가 가



( ) . TFT-LCD 가

- : 1920 X 1080
  - ( ) : 60 Hz
-



LCD Panel

1ppm(

1)

- LCD Panel Sub Pixel : 40 : 6,220,800
- LCD Panel Sub Pixel : 46 : 6,220,800



가

가



" "

가



•



TFT-LCD

CDT

가 가

가

( )



가?

LCD

(12 )

LCD (LC)

가  
가

가  
가



- 가
- 가 ( , )



- 가
- : 30



- 30



- : 4 60

- 가 PC



- 가 ,



- 
- OSD Menu(OSD ) -> Set Up( ) -> Safety Screen( ) -> Screen Scroll( )
- : 1 ~ 10 ( : 1 )
- : 1 ~ 5 ( : 5 )



(CD .)

"OSD Function"



•

- :

FLIGHT	TIME
OZ348	20:30
UA102	21:10

-

- : OSD Menu(OSD ) -> Set Up( ) -> Safety Screen( ) -> Pixel( )

- : 1 ~ 10 ( : 1 )

- : 10 ~ 50 ( : 50 )

•

: / 가 ,

FLIGHT	TIME
Horizontal Bar	
OZ348	20:30
UA102	21:10

-

- : OSD Menu(OSD ) -> Set Up( ) -> Safety Screen( ) -> Bar( )

- : 1 ~ 10 ( : 1 )

- : 10 ~ 50 ( : 50 )



(CD .)

"OSD Function"



•

- :

가 ,

---

FLIGHT	TIME
OZ348	20:30
UA102	21:10

-

- : OSD Menu(OSD ) -> Set Up( ) -> Safety Screen( ) -> Eraser( )
- : 1 ~ 10 ( : 1 )
- : 1 ~ 5 ( : 50 )



(CD "OSD Function" .)

---

# 가

SyncMaster



Box

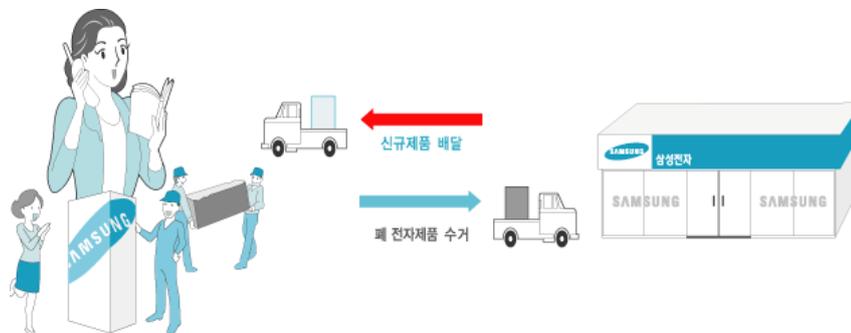
[www.samsung.com/sec](http://www.samsung.com/sec)

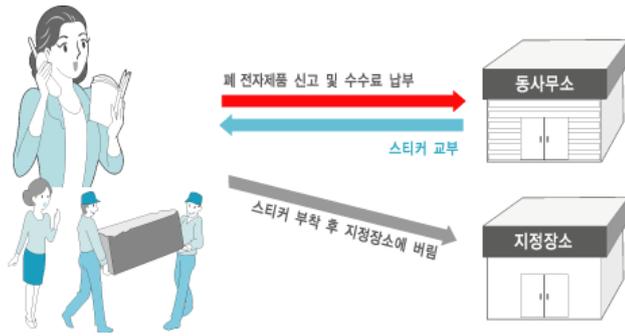
[www.samsung.com/sec](http://www.samsung.com/sec)

가

( , )

SyncMaster





[ ]



1992 6

1996 5 [ ]

(Dot Pitch)

가

가 가  
가 가  
mm

Rate

Hz

1  
1  
Refresh

: 1 60

60 Hz

가 Line

kHz

lace)  
terlace)

(Non-inter-  
(In-

가  
( ),

TV

Play)

(Plug &

가

가

VESA

DDC

가

가

: 가 1920 X 1080 ( 가 1,920 ( ) ) 1,080 ( )

Multiple Display Control (MDC)

(MDC: Multiple Display Control) PC

PC RS-232C



UL 2601-1/IEC 60601-1

가 가 가 가 가 가 가

EMC

IEC 601-1-2:1994

가 , 가 가 가 가

- 
- 
- ( )
- 

Video In / RS 232 / Video Out

IEC ( IEC 950)

IEC 601-1 IEC 601-1-1

IEC 601-1-1

: : -40°C +70°C

: 10 - 95 %,

2009

( )

( ) 가

SAMSUNG SyncMaster ( )

Microsoft, Windows Windows NT Microsoft( )

VESA, DPM DDC Video Electronics Standard Association

ENERGY STAR (名) (U.S. Environmental Protection Agency)

ENERGY STAR ( ) , ENERGY STAR

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