

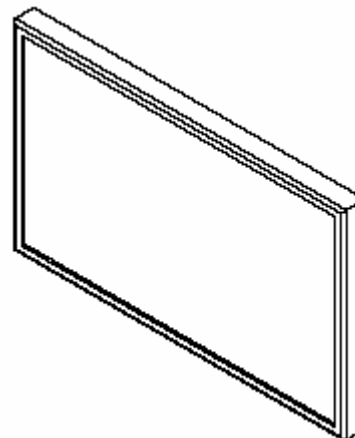
50XR5 Installation Guide

50" Plasma Display

Rev 1.2

Contents:

Product Description and Notes	Page 1
Ventilation Requirements	Page 2
Display Dimensions	
Front, Top & Bottom	Page 3
Rear	Page 4
Left & Right Side	Page 5
Display Dimensions w/Optional Speakers and Stand	Page 6
Connections	Page 7
Control Codes	Page 8



Product Description

Type:	Plasma Display.	Screen Surface:	Anti-Reflective.
Resolution:	1365x768.	Dimensions:	1226(W) x 736(H) x 100(D)mm.
Aspect Ratio:	16:9.	Weight:	44.5Kg.
Color Correction:	NEC CCF (Capsulated Color Filter, in panel) and AccuCrimson (in front filter).	Power Consumption:	435W (Typ).
		EMI:	Class B.

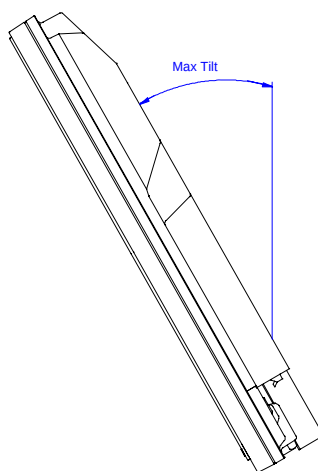
Notes

- This document is intended to be used as a reference guide to supply useful information for a design or installation. It is not intended to be a step-by step procedure for installation.
- 4:3 sources can be displayed on the 16:9 screen in either normal aspect ratio with bars on the left or right, or stretched horizontally to fill the screen using the menus (see "Aspect Modes" in menus and user manual).
- To avoid image retention or burn in please refer to the Phosphor disclaimer and operating manual provided with this product. NEC shall accept on responsibility for the misuse of this product.
- Distances are in inches, for millimeters multiply by 25.4.
- Distances may vary $\pm 5\%$.

Maximum Tilt Angles

Below is the maximum angle that the display can be tilted

Landscape 30°



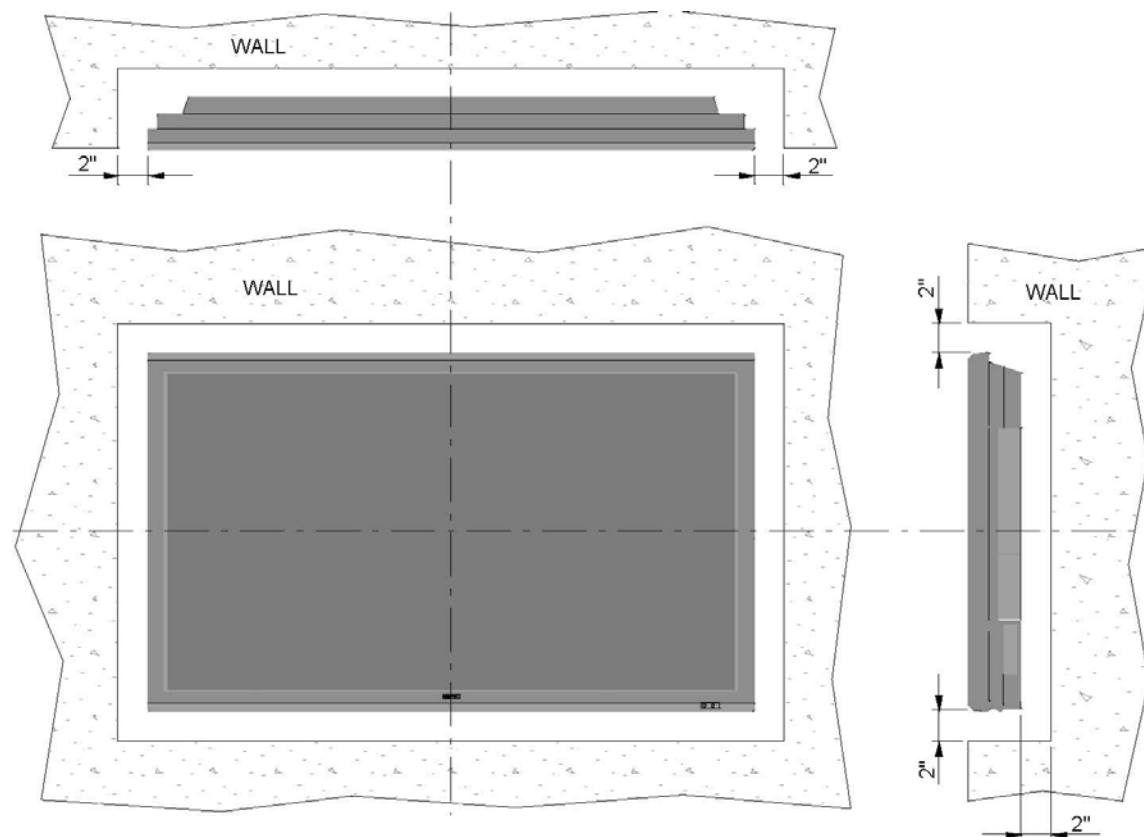
50XR5 Installation Guide

50" Plasma Display

Rev 1.2

Ventilation Requirements (all models)

Dimensions below are minimum required for proper ventilation.



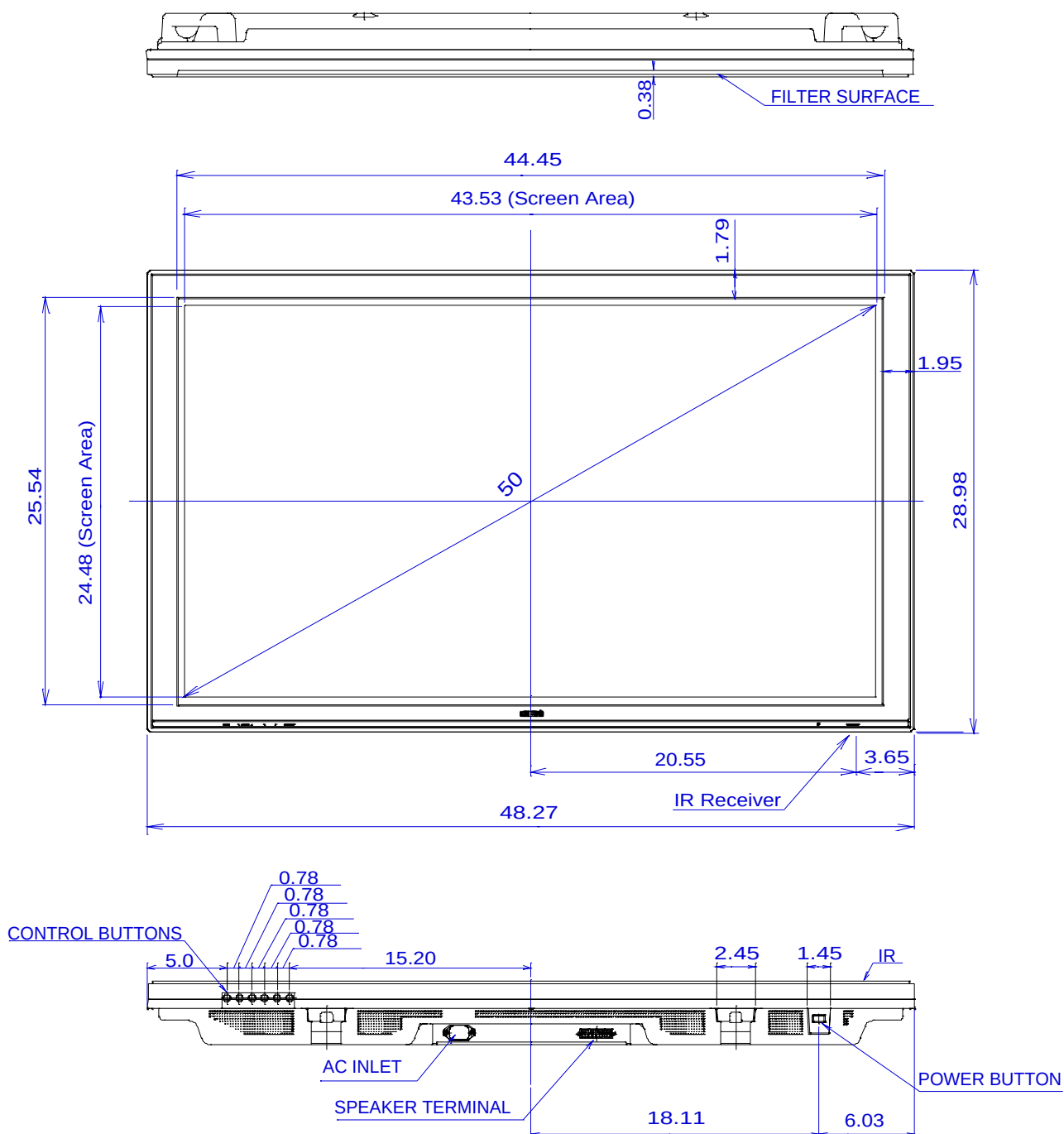
NOTE: The ventilation space should not be covered or closed off at the front of the opening. If for some reason the opening needs to be covered, other means of ventilation will need to be incorporated into the design. Contact NEC for design review and recommendations.

50XR5 Installation Guide

50" Plasma Display

Rev 1.2

Display dimensions

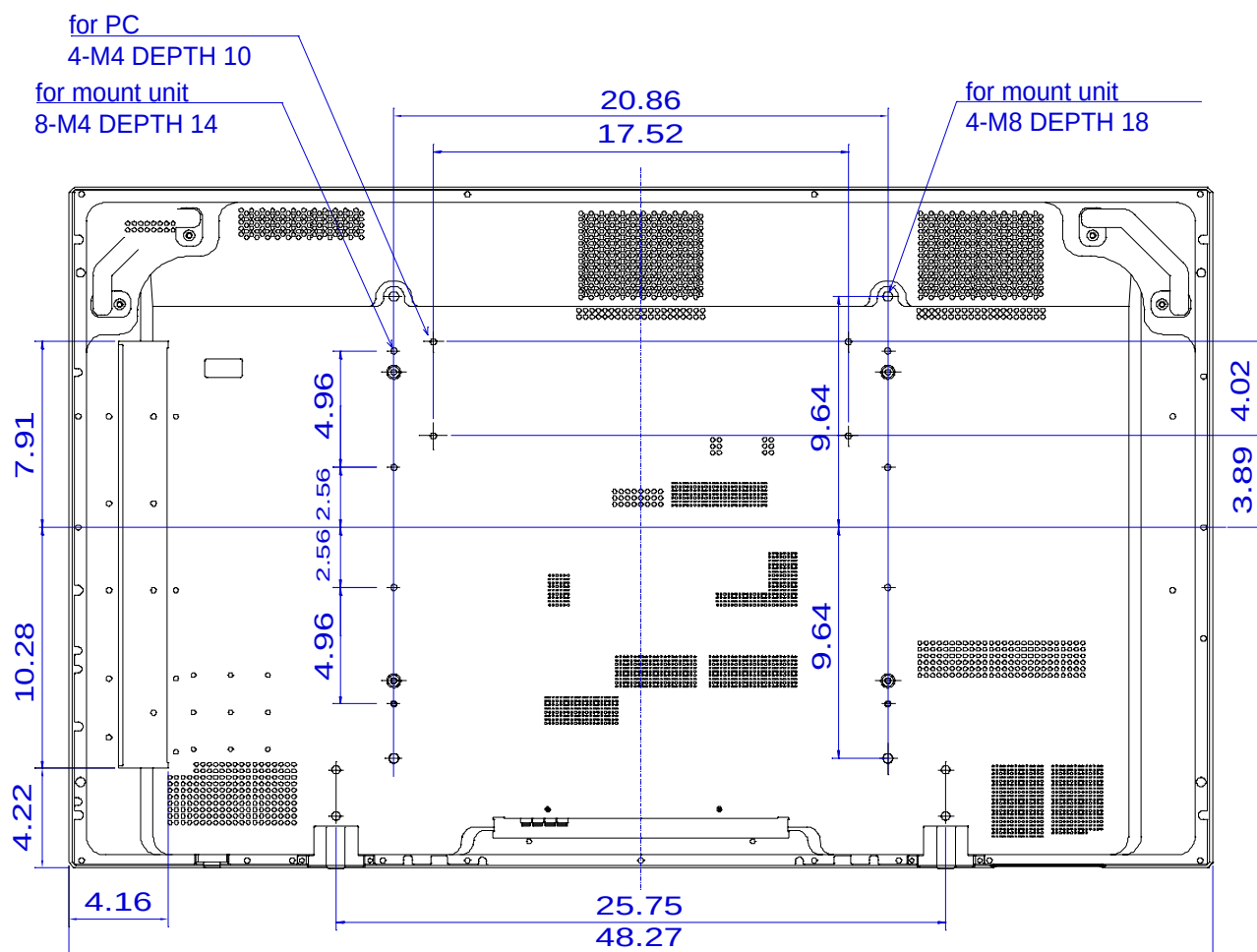


50XR5 Installation Guide

50" Plasma Display

Rev 1.2

Display dimensions (cont.)

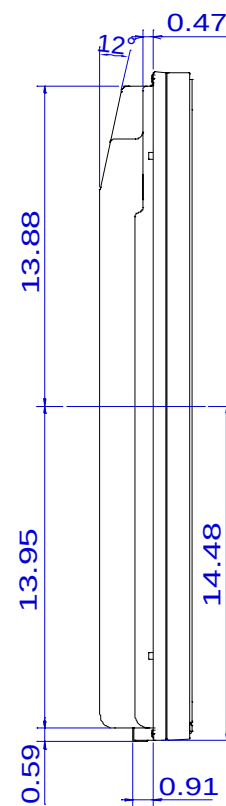
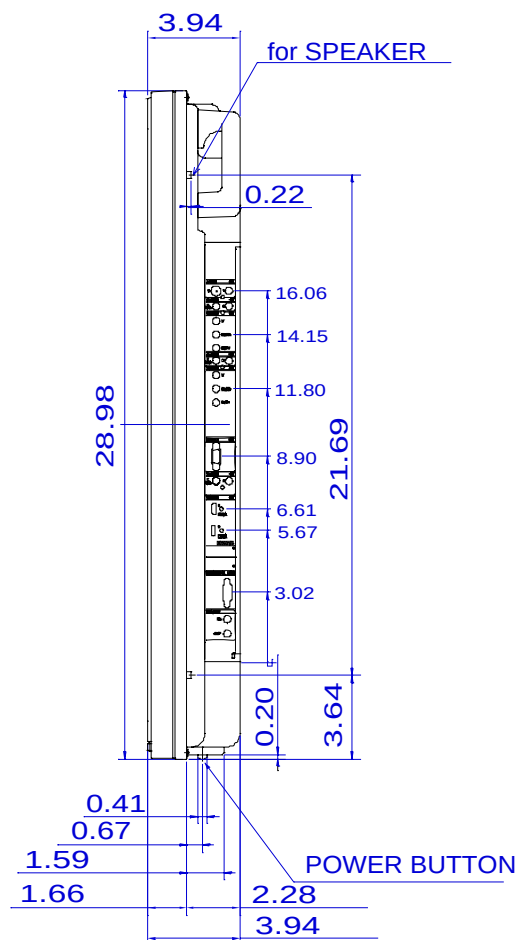


50XR5 Installation Guide

50" Plasma Display

Rev 1.2

Display dimensions (cont.)

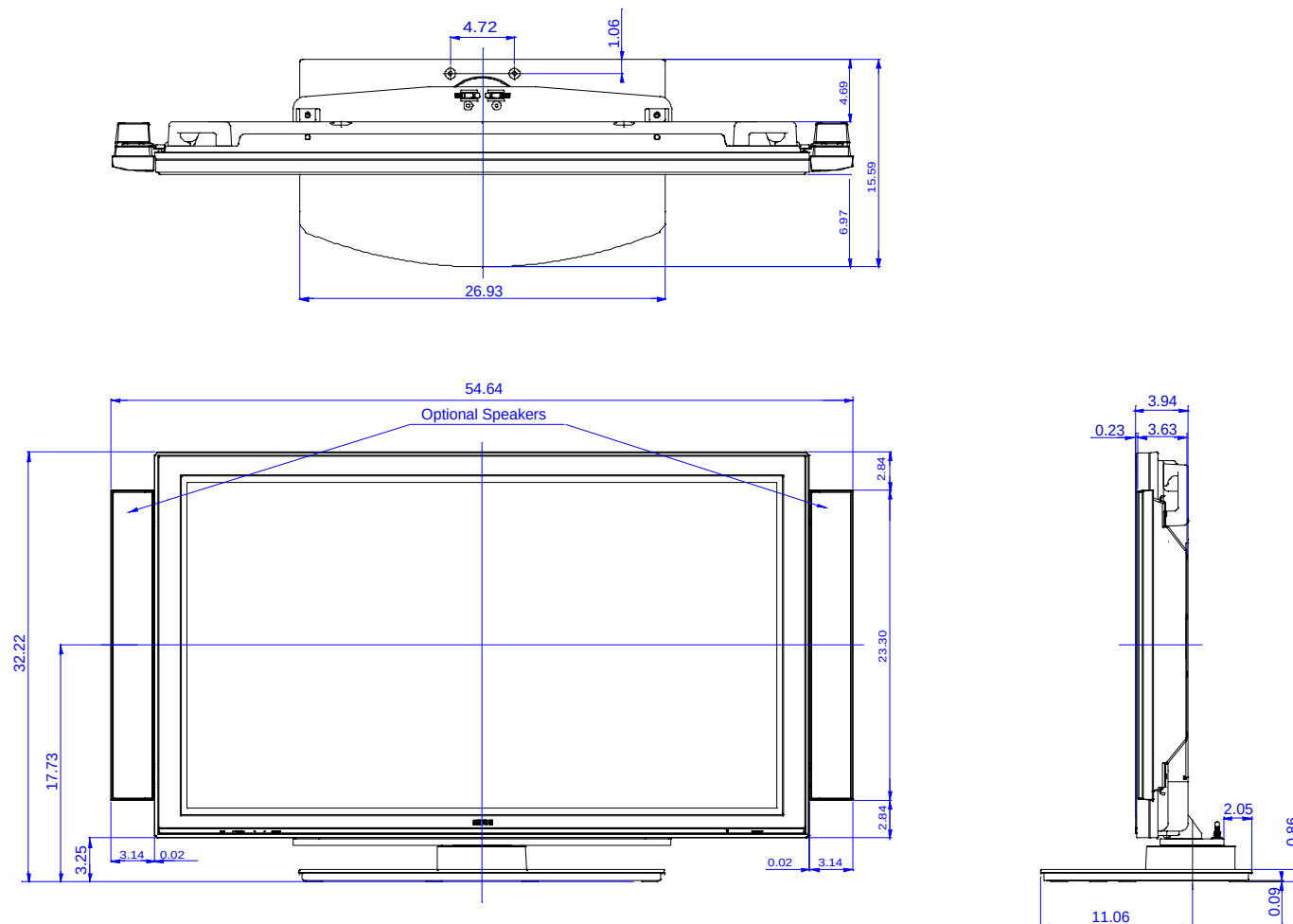


50XR5 Installation Guide

50" Plasma Display

Rev 1.2

Dimensions with optional speakers [PX-SP2U] and stand [PX-ST2U]

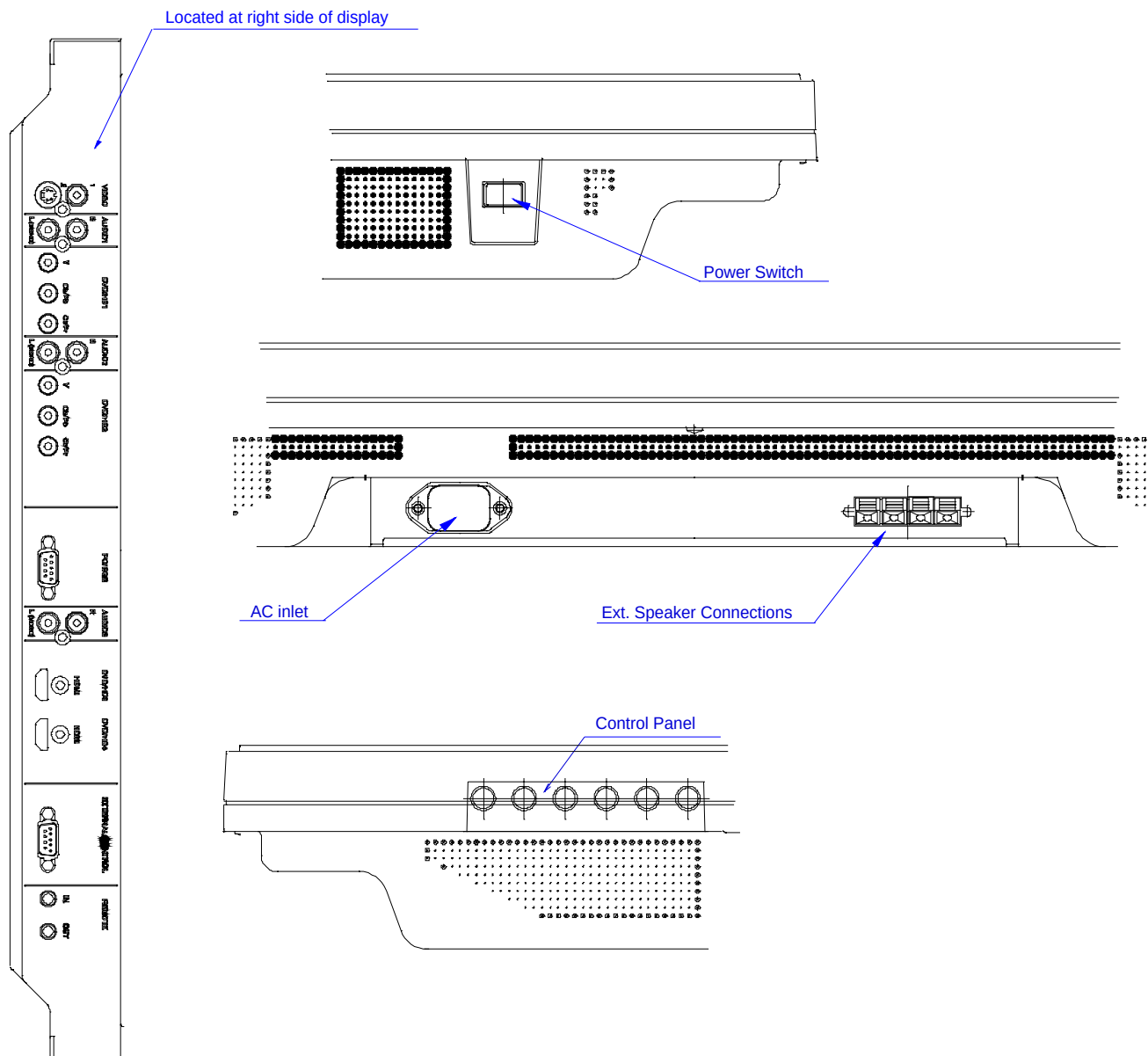


50XR5 Installation Guide

50" Plasma Display

Rev 1.2

Connections



50XR5 Installation Guide

50" Plasma Display

Rev 1.2

Control Codes

Function		Code Data							
POWER	ON	9FH	80H	60H	4EH	00H	CDH		
	OFF	9FH	80H	60H	4FH	00H	CEH		
INPUT SWITCH	VIDEO1 (RCA)	DFH	80H	60H	47H	01H	01H	08H	
	VIDEO2 (S-Video)	DFH	80H	60H	47H	01H	02H	09H	
	DVD1/HD1	DFH	80H	60H	47H	01H	05H	0CH	
	DVD2/HD2	DFH	80H	60H	47H	01H	06H	0DH	
	RGB1 (15pin HD)	DFH	80H	60H	47H	01H	07H	0EH	
	DVD3/HD3 (HDMI)	DFH	80H	60H	47H	01H	0EH	15H	
AUDIO MUTE	DVD4/HD4 (HDMI)	DFH	80H	60H	47H	01H	1AH	21H	
	ON	9FH	80H	60H	3EH	00H	BDH		
PICTURE MODE	OFF	9FH	80H	60H	3FH	00H	BEH		
	NORMAL	DFH	80H	60H	0AH	01H	01H	CBH	
	THEAT.1	DFH	80H	60H	0AH	01H	02H	CCH	
	THEAT.2	DFH	80H	60H	0AH	01H	03H	CDH	
	DEFAULT	DFH	80H	60H	0AH	01H	04H	CEH	
SCREEN MODE:	BRIGHT	DFH	80H	60H	0AH	01H	05H	CFH	
	STADIUM	DFH	80H	60H	51H	01H	02H	13H	
	ZOOM	DFH	80H	60H	51H	01H	03H	14H	
	NORMAL	DFH	80H	60H	51H	01H	04H	15H	
	ANAMORPHIC (FULL)	DFH	80H	60H	51H	01H	05H	16H	
AUTO PICTURE	2.35:1	DFH	80H	60H	51H	01H	0AH	1BH	
	ON	DFH	80H	60H	7FH	03H	03H	09H	00H 4DH
CINEMA MODE	OFF	DFH	80H	60H	7FH	03H	03H	09H	01H 4EH
	ON	DFH	80H	60H	C1H	01H	01H	82H	
	OFF	DFH	80H	60H	C1H	01H	02H	83H	

NOTE: Contact your NEC rep for codes not listed.

NOTE: Use a cross/reverse/null modem cable.

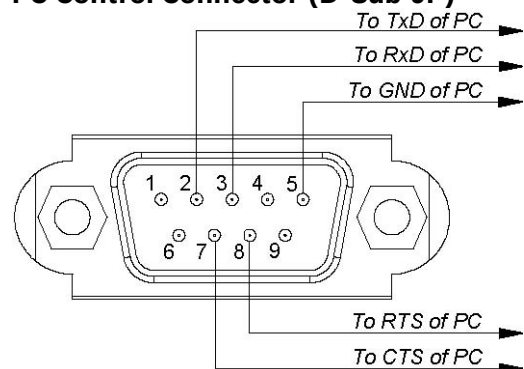
Cable Connection

Communication Protocol:

Interface: RS-232C
Communication: Asynchronous
Baud Rate: 9600 bps
Data Length: 8 bits

Parity: Odd
Stop Bit: 1 bit
Communication Code: Hex

PC Control Connector (D-Sub 9P)



NOTE: If so Desired, jumper "Request to send" and "Clear to Send" together on both ends of the cable to simplify cable connection. These connections are not required. The only connections required are pins 2 (Rx D), 3 (Tx D) and 5 (GND).