Product Description:

Type: LCD Display
Resolution: 1920 x 1080
Aspect Ratio: 16:9
FCC: Class A
Power Consumption: 540W (typ)
BTU’s: 1842.56 BTU/hour
940W (abs max)

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.
- Any ceilings or walls must be strong enough to support the monitor and the installation must be in accordance with any local building codes. All mounts should make secure contact to wood studs.
- 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).
- Distances are in inches, for millimeters multiply by 25.4.
- Distances may vary ±5%.

Tilt Angle and Rotation:
- Below is the maximum angle the monitor can be tilted. Note that the monitor can only be tilted in the landscape position.
**Ventilation Recommendations:**

Dimensions below are minimum required for proper ventilation.

- 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.
Display dimensions:
Display dimensions (cont.):

400 x 400 VESA HOLE PATTERN FOR MOUNT UNIT (M8 x 16mm)

TERMINAL PANEL

Unit No gap Mounting Bracket
Washers Screw
Thickness of bracket and washers

under φ 10.0 mm

No thread 5 mm

15-17 mm
Display Dimensions (with ST-801 stand):

[Diagram showing dimensions of the display with ST-801 stand]
Table Top Stand Dimensions (ST-801):
Dimensions of Optional Front-Firing Speaker (SP-TF1)
Optional Side-Firing Speaker Dimensions including holder (SP-RM1):
Dimensions with Optional Wall Mount Kit (WMK-6598):
**Input Panels:**

**Bottom:**

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**Control Codes:**

<table>
<thead>
<tr>
<th>Function (Monitor ID = 1)</th>
<th>Code Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power ON</td>
<td>01 30 41 30 41 30 43 02 43 32 30 33 44 36 30 30 30 31 03 73 0d</td>
</tr>
<tr>
<td>Power OFF</td>
<td>01 30 41 30 41 30 43 02 43 32 30 33 44 36 30 30 30 34 03 76 0d</td>
</tr>
<tr>
<td>Input Source Select DisplayPort</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 30 46 03 04 0d</td>
</tr>
<tr>
<td>Input Source Select DVI</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 30 33 03 71 0d</td>
</tr>
<tr>
<td>Input Source Select VGA</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 30 31 03 73 0d</td>
</tr>
<tr>
<td>Input Source Select HDMI</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 30 31 03 73 0d</td>
</tr>
<tr>
<td>Input Source Select Y/Pb/Pr</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 30 43 08 01 0d</td>
</tr>
<tr>
<td>Input Source Select OPTION</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 30 44 03 06 0d</td>
</tr>
<tr>
<td>Sound Mute ON</td>
<td>01 30 41 30 45 30 41 02 30 30 38 44 30 30 30 30 30 09 0d</td>
</tr>
<tr>
<td>Sound Mute OFF</td>
<td>01 30 41 30 45 30 41 02 30 30 38 44 30 30 30 30 30 32 03 0a 0d</td>
</tr>
</tbody>
</table>

**NOTE:** Contact your NEC rep for codes not listed.

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

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**Cable Connection:**

**Communication Protocol:**

- **Interface:** RS-232C
- **Communication System:** Asynchronous
- **Baud Rate:** 9600 bps
- **Data Length:** 8 bits
- **Parity:** None
- **Stop Bit:** 1 bit
- **Communication Code:** ASCII

![Diagram of RS-232 connection](image1)

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**Communication Protocol (Ethernet):**

- **Interface:** Ethernet (CSMA/CD)
- **Communication System:** TCP/IP (Internet Protocol Suite)
- **Communication Layer:** Transport layer (TCP)
- **IP Address:** 192.168.0.10 (default out of box)
- **Port Number:** 7142 (Fixed)

![Diagram of Ethernet connection](image2)

**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 (TxD), 3 (RxD) and 5 (GND).
Browser Control

Information and control can also be available through the HTTP browser control menu.

In order to accomplish this, type: http://<the Monitor’s IP address>/pd_index.html

Note that the LAN Power needs to be turned on in order for the display to be controlled while the units are off.

All displays are set to the IP address 192.168.0.10 out of the box.

Communicating network PC needs to be on the same subnet as display that is being communicated with.

NOTE:

Menus on the left side of the above screenshot can be altered to control the display.

Menu above is consistent with the X754HB though it states P553 on top.