

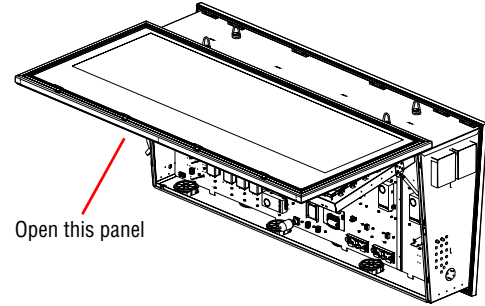
1 Open the side of the sign labeled "CONTROLLER SIDE".

- Disconnect all power from the sign at the power source to prevent electrical injury or damage.
- Turn the controller-side panel latches counter-clockwise. Carefully raise the panel of the sign.



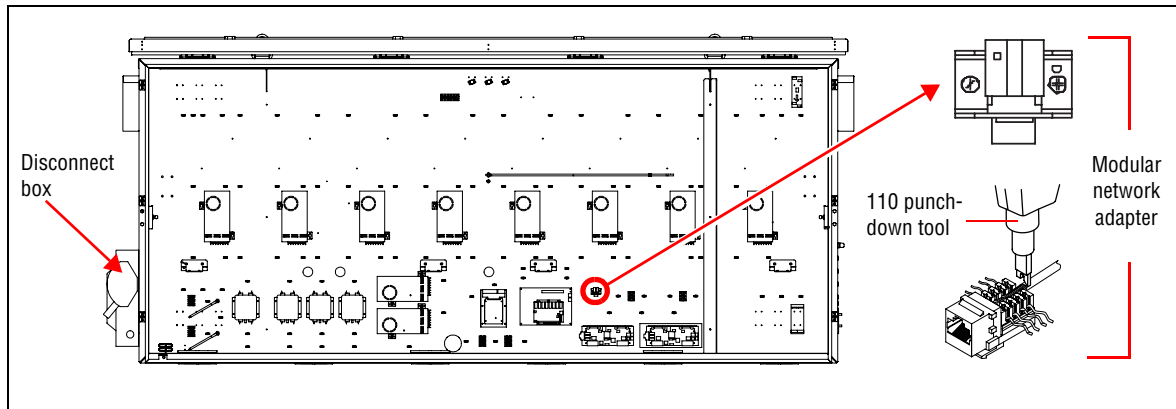
ADAPTIVE
800-719-2838
AVPC320096T1 - DS - WCE - X
SN: EN0001127
↓ CONTROLLER SIDE ↓

Open the panel identified as CONTROLLER SIDE on this label, attached to the bottom of the sign.



2 Connect the sign and messaging computer to an Ethernet network.

- Run Category 5 T568A or T568B wire from the network into the sign communications conduit.
- Position the wires into the channels on the modular network adapter (see below).
- Use a 110 punch-down tool to push the wires into the channels.
- Do not separate the twisted pairs more than 0.5 inches from the termination point.



Category 5 T568A (8 wire)		Category 5 T568B (8 wire)		Position the wires into the channels on the modular network adapter as shown below.
110 type connector	RJ45 jack	110 type connector	RJ45 jack	
Wht/Blu	5	Wht/Blu	5	
Blu/Wht	4	Blu/Wht	4	
Wht/Org	3	Wht/Org	1	
Org/Wht	6	Org/Wht	2	
Wht/Grn	1	Wht/Grn	3	
Grn/Wht	2	Grn/Wht	6	
Wht/Brn	7	Wht/Brn	7	
Brn/Wht	8	Brn/Wht	8	

© Copyright 2004 Adaptive Micro Systems LLC. All rights reserved.

Adaptive Micro Systems • 7840 North 86th Street • Milwaukee, WI 53224 USA • 414-357-2020 • 414-357-2029 (fax) • <http://www.adaptivedisplays.com>
 Trademarked names appear throughout this document. Rather than list the names and entities that own the trademarks or insert a trademark symbol with each mention of the trademarked name, the publisher states that it is using names for editorial purposes and to the benefit of the trademark owner with no intention of improperly using the trademark.

The following are trademarks of Adaptive Micro Systems: Adaptive, Alpha, AlphaLert, AlphaNET, AlphaNet plus, AlphaEclipse, AlphaPremiere, AlphaTicker, AlphaVision, AlphaVision InfoTracker, Automode, BetaBrite, BetaBrite Director, BetaBrite Messaging Software, Big Dot, Director, EZ KEY II, EZ95, PagerNET, PPD, PrintPak, Serial Clock, Smart Alec, Solar, TimeNet

The distinctive trade dress of this product is a trademark claimed by Adaptive Micro Systems LLC.
 Due to continuing product innovation, specifications in this manual are subject to change without notice.

3

If applicable, connect the speakers to the Tune Blaster sound cards.

- A sign may have up to 16 speakers. Each speaker should be 8 ohms and at least 10 watts.
- For each speaker, insert one non-metallic, compression type connector into a speaker conduit.
- Run speaker wire (Belden 8471 or equivalent) from each speaker through the connector to the sound card inside the sign.
- Connect the wires to the sound card using a #1 screwdriver (1/16" wide tip) to depress the spring clip and insert the speaker wire.

Factory-installed sound card (TUNE BLASTER 1) and **Optional sound card** (TUNE BLASTER 2) are shown with speaker channel labels: CH3-4, CH1-2, CH7-8, and CH5-6.

Each sign can support up to 16 speakers. There are 8 channels with two speakers (A and B) per channel.

Speaker conduits on the side of the sign are shown in a side view diagram.

Each opening is 0.625" in diameter. The speaker grid dimensions are: 10" vertical spacing, 2" horizontal spacing between columns, 1" horizontal spacing between rows, and 2" spacing from the bottom edge.

Inside a sign diagram shows the internal layout with speaker locations circled in red.

4

Close the sign.

- Carefully lower the panel.
- Turn the latches on the panel clockwise.



5

Connect power to the sign.

- Make sure that power is *not* applied at the power source.
- Run two 120VAC lines into the power conduit on the side of the sign with the disconnect box.
- Open the disconnect box.
- Connect the wires as shown below. Do not remove the yellow wires as they provide power to the fluorescent lighting circuit. The fluorescent service light is powered, even when the disconnect box is open. The sign must be properly earth grounded.
- Close the disconnect box. Apply 120VAC power at the power source. Then move the switch on the disconnect box up to the ON position.
- Confirm that the green indicator lights are lit, indicating that power is supplied to the sign.

