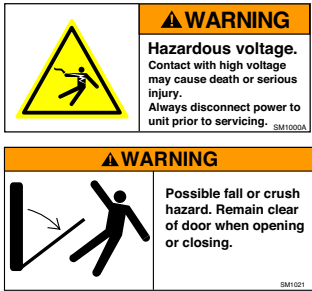
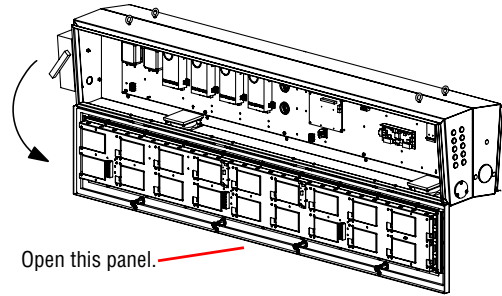


1 Open the side of the sign labeled "CONTROLLER SIDE".

- Disconnect all power from the sign at the power source to prevent electrical injury or damage.
- Turn the controller-side panel latches counter-clockwise.
- *Be sure to support the weight of the panel. Do not allow it to swing freely. Stand clear when opening. Carefully lower the panel of the sign.*



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.

Inside the sign

Modular network adapter

110 punch-down tool

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	

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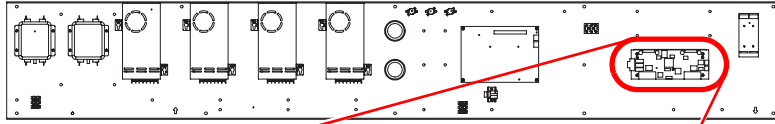
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3

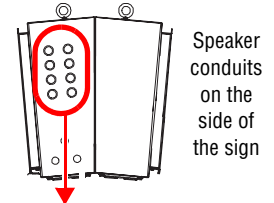
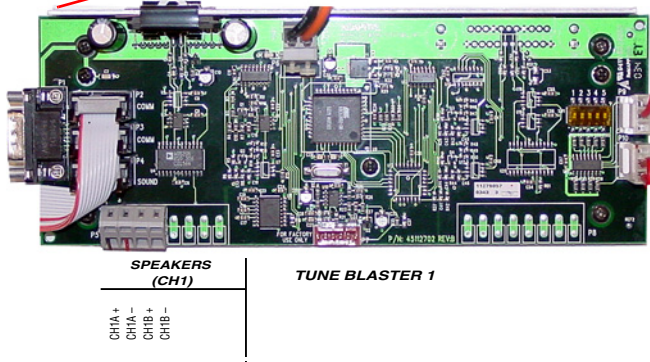
If applicable, connect the speakers to the Tune Blaster sound cards.

- A sign can support 2 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.

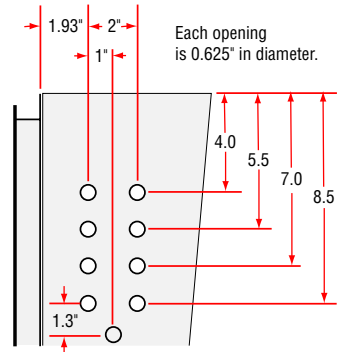
Inside the sign



Each sign can support 2 speakers.



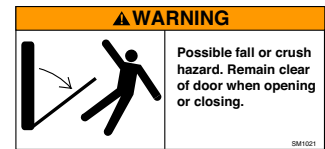
Speaker conduits on the side of the sign



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.
- This sign should *not* be connected to a ground fault interrupt (GFI) circuit.
- 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.

Side view

