DISTYAMP Installation Guide

Power Supply

The universal power supply has a regulated +5VDC output rated at 1.5 Amps. It may be connected to any AC voltage from 95VAC up to 240VAC, 50/60 Hz. It is protected against overloads and short circuits. It may become warm during normal operation.

Board Mounting Guidelines

The circuit board is designed for under the layout mounting near the Command Station. The bottom of the board may touch any non-conductive surface such as wood. However, because the bottom of the board has exposed circuits, do not allow it to contact anything that is conductive such as metal.

Connection to Command Station

Use the standard "telco" style modular cable to connect between the DISTYAMP input jack and your Command Station's "BOOSTER" output jack. Limit the cable length to less than 100 feet.

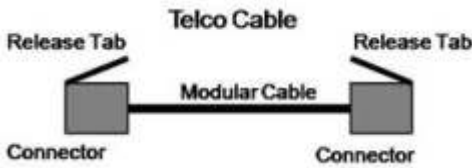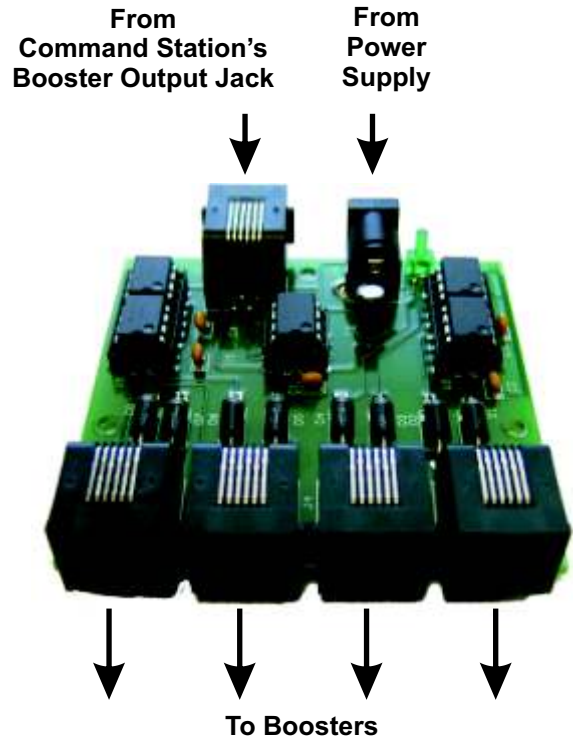## Connection To ZoneMaster Boosters

Use the standard "DATA" style modular cable to connect the DISTYAMP output jacks to your boosters. Use the DCC DATA-BUS input jacks on the ZoneMaster boosters. Do not use the OPTO input jack.
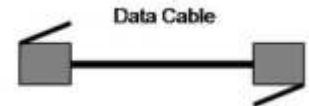
Compatibility To Other Boosters

Any of CVP's boosters can be used with the DISTYAMP. However, 3rd party boosters CAN NOT be used with DISTYAMP.

Cable Length and Number Of Booster Restrictions

For best results, use no more than 200 feet of cable between the DISTYAMP and the last booster. Also limit the number of boosters to about 5 although a couple more won't actually cause any harm.

From Command Station's Booster Output Jack

From Power Supply

To Boosters

Telco Cable

Release Tab — Release Tab

Connector — Modular Cable — Connector

Custom cut cable lengths with attached connectors is available from CVP Products
www.cvpusa.com

Data Cable

Data cable is used to interconnect ZoneMaster boosters and to connect to the DISTYAMP

| Power Supply +5VDC | DISTYAMP | ZoneMaster | ZoneMaster | ZoneMaster | ZoneMaster | ZoneMaster |

Use Data Cable

Command Station

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