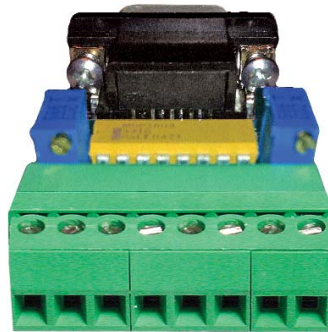


BROADCAST[®]
t o o l s **INC**[®]
PROBLEM SOLVED

Installation and Operation Manual



COP-2
Connect 'O Pad

Manual update: 12/26/11

If you need a firmware upgrade, contact Broadcast Tools[®]

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NOTE: We recommend the use of Chrome, Firefox or Safari as your browser.

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Visit www.broadcasttools.com for important product update information.

INTRODUCTION

Thank you for your purchase of a Broadcast Tools® COP-2, Connect O’ Pad. We are confident that this product will give you many years of dependable service. This manual is intended to give you all the information needed to install the Broadcast Tools® COP-2.

SAFETY INFORMATION

Only qualified technical personnel should install Broadcast Tools products. Any attempt to install this device by a person who is not technically qualified could result in a hazardous condition. Please ensure that proper safety precautions have been taken before installing this device. If you are unfamiliar with this type of equipment, please contact a properly qualified engineer to handle the installation and setup of the Broadcast Tools product.

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If you would like more information about Broadcast Tools® products, you may reach us at:

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by American Workers*



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NOTE:

This manual should be read thoroughly before installation and operation.

WEBSITE:

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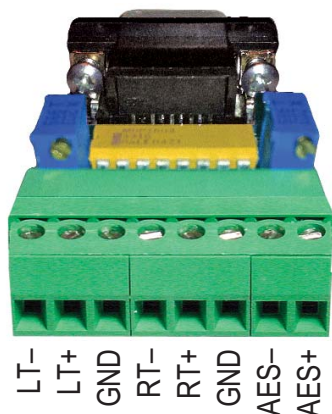
INTRODUCTION

Product Description

Here’s another problem solver from Broadcast Tools for the XDS, WW1-IDC/MAX, IDC-SFX/Pro (NON-option B) series, StarGuide II or III satellite receivers. The COP-2, provides an effective way to connect and adjust the audio outputs of the listed receivers. The COP-2 is designed to plug into the male 9-pin D-Sub connector on the audio modules of the listed receivers. The COP-2 is equipped with an eight-position removable screw terminal for connection to the balanced analog audio left and right outputs, along with one AES output. Left and right multi-turn trimmers are provided for level adjustments. The COP-2 has approximately one db of insertion loss, allowing level adjustments from -1db to off from program reference. Mounting screws are provided to secure the COP-2 to the audio decoder modules male DB-9 connector.

Installation Guidelines

- Step 1: Plug the COP-2 into the desired “Audio x” (x = port)) connector on the rear panel. For the IDC WW1-MAX/ IDC SFX Pro (NON-option B) receivers, plug the COP-2 into the desired “Audio Channel x” (x = port 1 thru 4) connector on the rear panel.
- Step 2: Install the two 4–40 screws (supplied) into the COP-2, 9-pin male D-sub connector’s mounting ears, securing the COP-2 to the receiver’s mating connector.
- Step 3: To wire the plug, follow the pin-out supplied on the bottom of the COP-2’s printed circuit board or follow the example below. Then remove the plug from the header; remove about 1/8” of insulation from each wire. Insert the wire into the desired terminal and then tighten the screw. Be sure no bare wires are exposed.



- Step 4: Reinstall the removable screw terminal plug into the connector.
- Step 5: Analog audio output adjustments are made through the left and right trimmers.

WEBSITE:

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COA-xx and COP-x Selection Guide

Receiver	Old COP Lt/Rt Level adjust	COA-9 XDS/MAX	COP-2 Lt/Rt Level adjust	COP-3 Lt/Rt Level adjust	COA-15 MAX	COA-37 XDS
StarGuide II Receiver's	X	X	X		X	X
StarGuide III Receiver's	X	X	X		X	X
XDS Receiver's		X	X		X	X
WW1/MAX / IDC Receiver's		X	X		X	X
IDC SFX 21xx,31xx and 41xx Series Pro Receiver's		X	X		X	
IDC SFX 21xx,31xx and 41xx Series Pro Receiver's "OPTION B" NOTE: This receiver is used by NPR.				X	X	

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