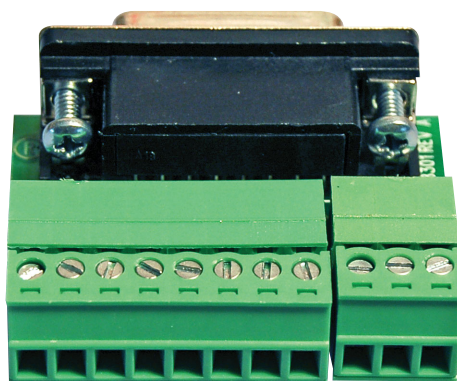




## *Installation and Operation Manual*



**COA-15 MAX**  
*Connect O' Adapter*

Manual update 06/30/2014

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## INTRODUCTION

Thank you for your purchase of a Broadcast Tools® COA-15 MAX, Connect O' Adapter. 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® COA-15 MAX.

## SAFETY INFORMATION

Only qualified personnel should install Broadcast Tools® products. Incorrect or inappropriate use and/or installation could result in a hazardous condition.

Broadcast Tools, Inc., will NOT support NON-Broadcast Tools software or hardware or NON-Broadcast Tools computer or hardware/software problems. If you experience these problems, please research your hardware/software instruction manuals or contact the manufacturers technical support department.

## WHO TO CONTACT FOR HELP

If you have any questions regarding your product or you need assistance, please contact your distributor from whom you purchased this equipment.

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

### **Broadcast Tools, Inc.**

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***THANK YOU FOR CHOOSING  
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Designed, Assembled and Supported in WA State, USA



**Broadcast Tools®** Products, as with any electronic device, can fail without warning. Do not use this product in applications where a life threatening condition could result due to failure.



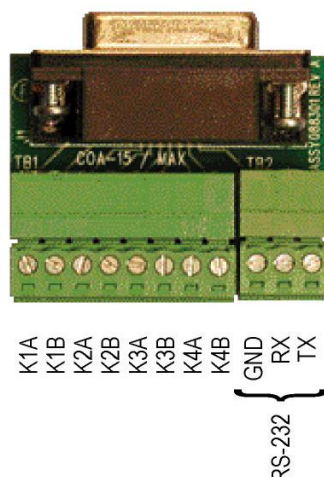
This manual should be read thoroughly before installation and operation.

## Product Description

Here's another problem solver from Broadcast Tools for the satellite receivers listed on page four! The COA-15 MAX provides an effective way to convert the male DB-15 D-Sub connector to removable screw terminals. The COA-15 MAX is designed to plug into the male 15-pin D-Sub connector on the listed satellite receivers on page four. The COA-15 MAX is equipped with an eight-position removable screw terminal for connection to the 4 normally open dry relay contacts and a three-position connector for access to the RS-232 port. Mounting screws are provided to secure the COA-15 MAX to the receiver's DB-15, male D-Sub connector.

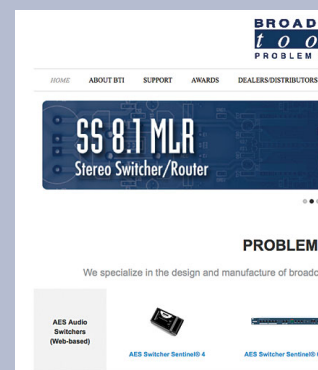
## Installation Guidelines

- Step 1: Plug the COA-15 MAX into the desired "Relay Channel" connector on the rear panel of the receiver.
- Step 2: Install the two 4-40 screws (supplied) into the COA-15 MAX 15-pin male D-sub connector's mounting ears, securing the COA-15 MAX to the receiver's mating connector.
- Step 3: To wire the plug, follow the pin-out supplied on the bottom of the COA-15 MAX's printed circuit board or follow the example below. Then remove the appropriate 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 appropriate connector.



## WEBSITE:

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## DESCRIPTION

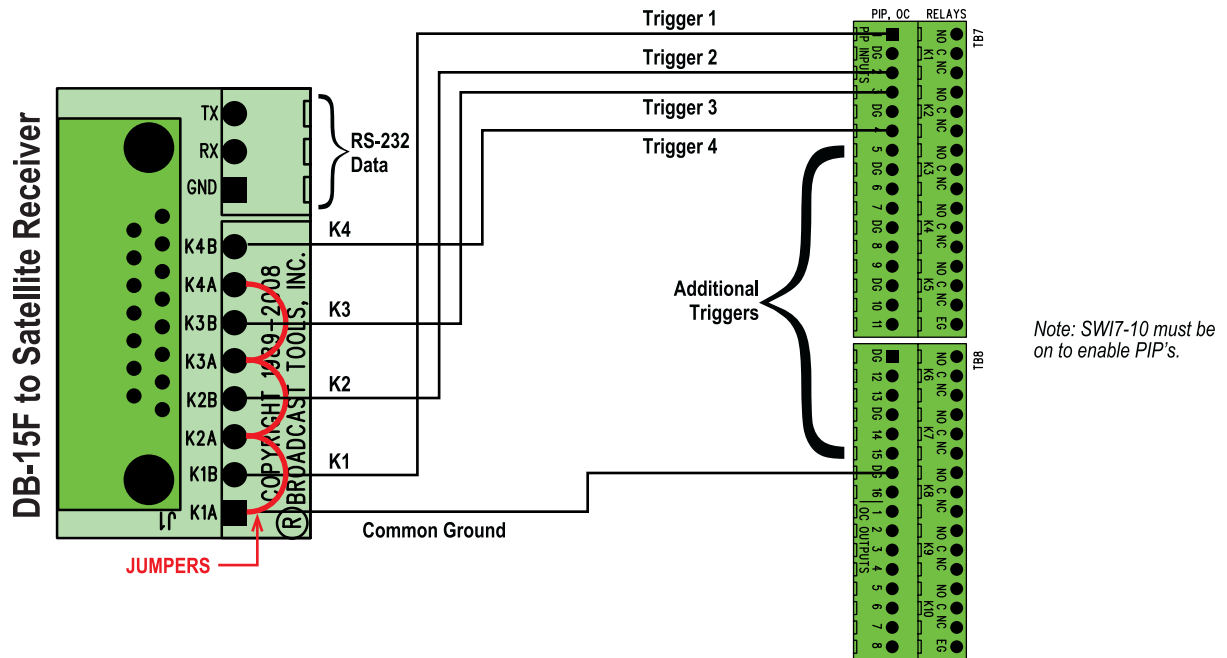
## COA-xx and COP-x Selection Guide

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" <b>NOTE: This receiver is used by NPR.</b>				X	X	

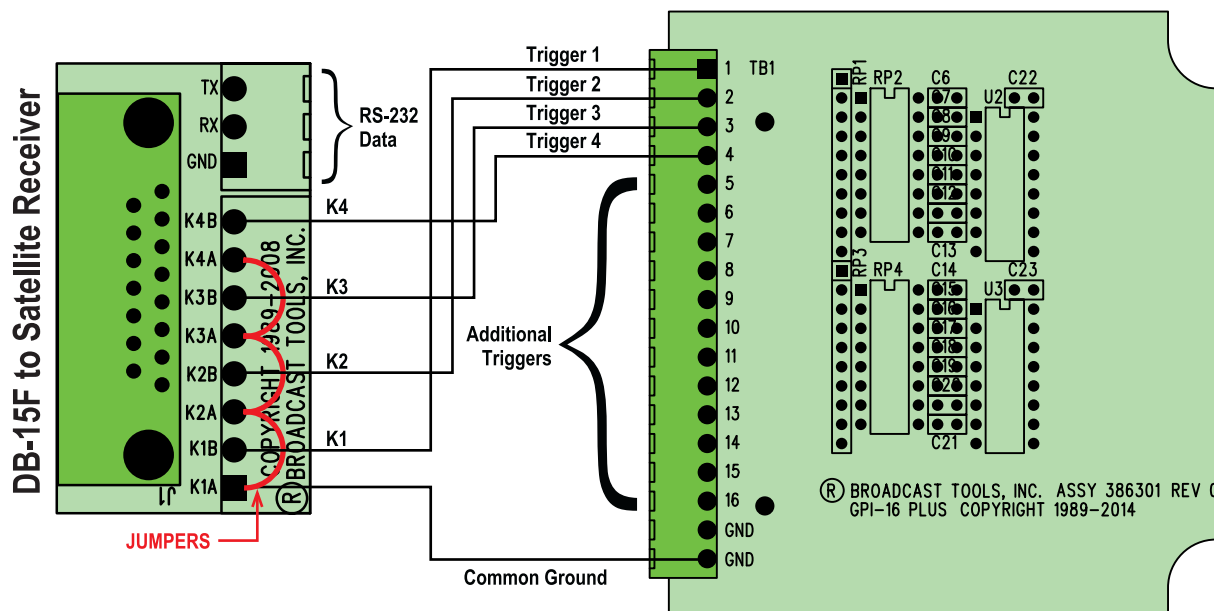
## COA-15 MAX

Wiring Example for Triggers (referred to as GPI's or PIP's)

### COA-15 MAX to Broadcast Tools<sup>®</sup> ACS 8.2 Plus or similar switcher.



### COA-15 MAX to Broadcast Tools<sup>®</sup> GPI-16 Plus or GPI-32+2.

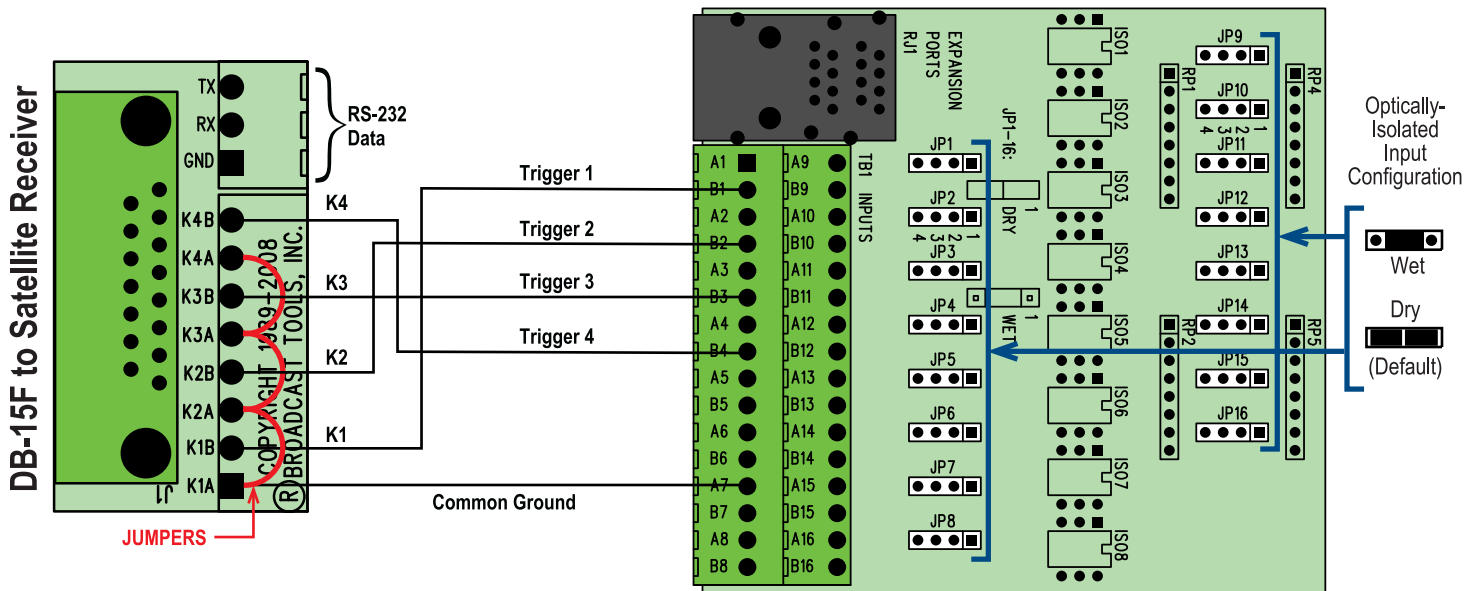




# COA-15 MAX & COA-37 XDS/SERIAL

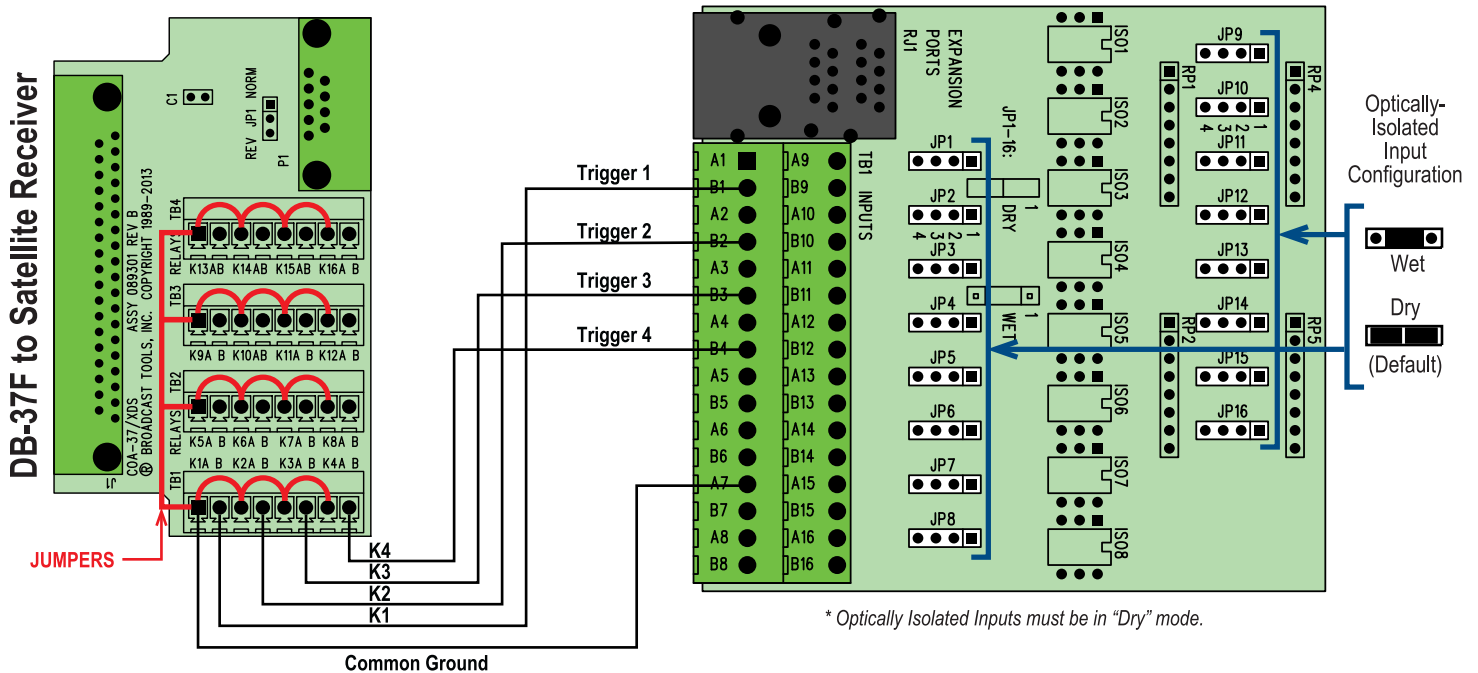
Wiring Example for Triggers (referred to as GPI's or PIP's)

## COA-15 MAX to Broadcast Tools<sup>®</sup> SRC-16 and SRC-16 Plus.



\* Optically Isolated Inputs must be in "Dry" mode.

## COA-37 XDS/Serial to Broadcast Tools<sup>®</sup> SRC-16 and SRC-16 Plus.



\* Optically Isolated Inputs must be in "Dry" mode.

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