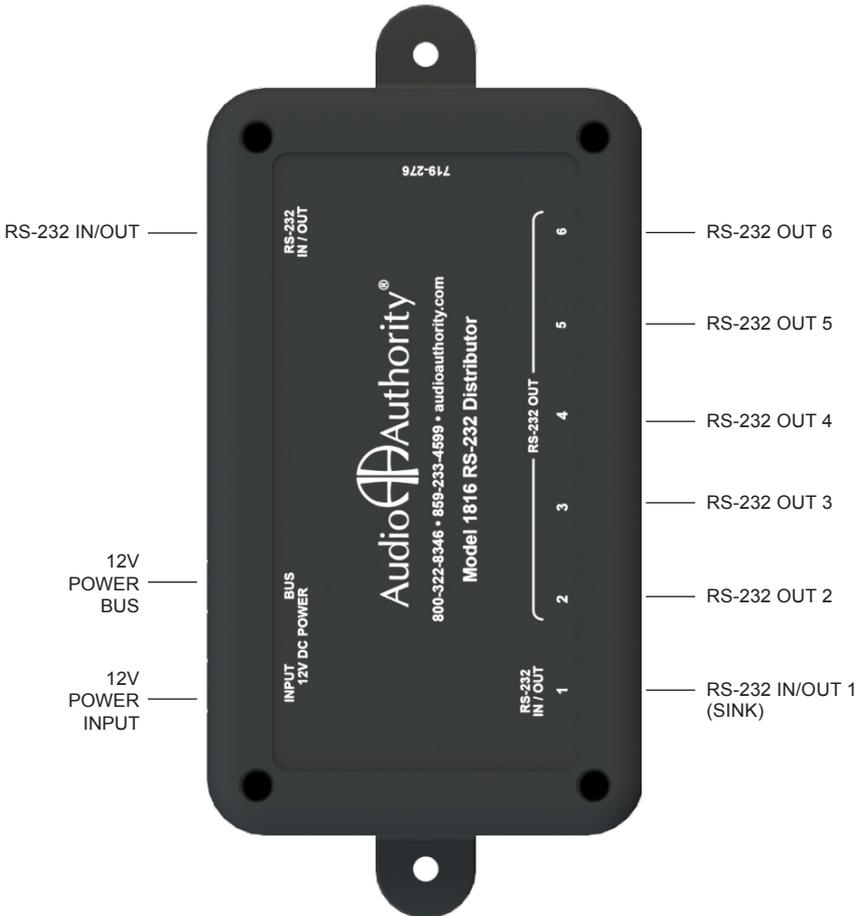# User Manual

Model 1816
Serial Distributor

Audio Authority®

Model 1816 Serial Distributor

The Audio Authority® 1816 RS-232 Distributor provides a way to broadcast RS-232 serial commands. Each 1816 sends serial commands to up to six serial devices.

COMPATIBLE WITH BRIGHTSIGN® MEDIA PLAYERS

RS-232 IN/OUT

RS-232 IN / OUT

719-276

RS-232 OUT 6

RS-232 OUT 5

RS-232 OUT 4

RS-232 OUT 3

RS-232 OUT 2

RS-232 IN/OUT 1 (SINK)

12V POWER BUS

12V POWER INPUT

INPUT 12V DC POWER

BUS

Audio Authority®

800-322-8346 • 859-233-4599 • audioauthority.com

Model 1816 RS-232 Distributor

RS-232 OUT

RS-232 IN / OUT

Package Contents

Before installing this product, please check the packaging and make certain the following items are contained in the shipping carton:

- 1816 Serial Switch Controller
- DC Power Adapter
- User Manual

RS-232 Ports

RS-232 ports connect via 3.5mm cables. The Model 1816 receives RS-232 commands on the input side, and echoes the incoming data to 6 output channels simultaneously. Position 1 is capable of receiving feedback from a connected sink device and passing data back to the source.
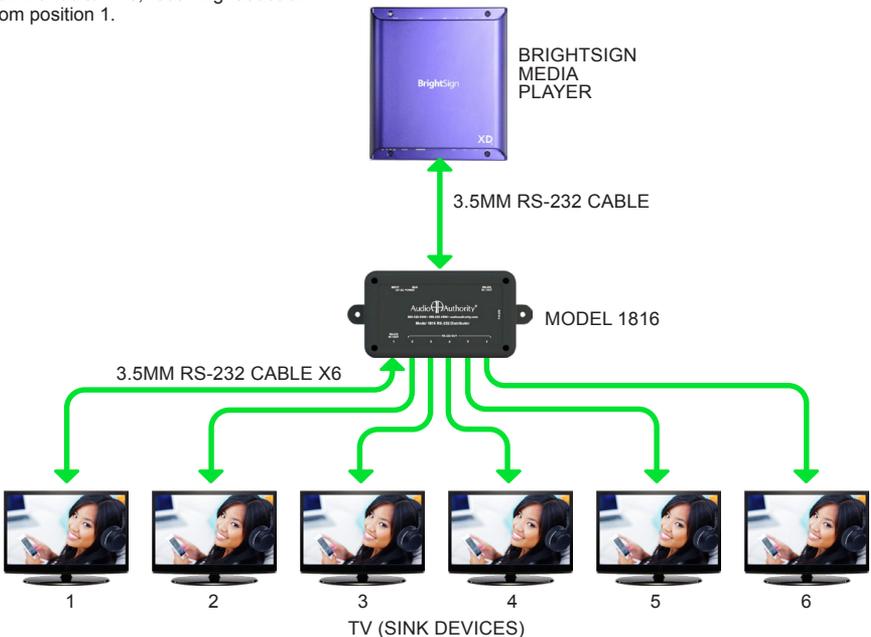
Power

Connect the 12V power supply (included) to the jack marked Power Input. The Power Bus may be used to power more Audio Authority compatible devices within the power supply's capacity by using an 801-077 power extension cable.

Installation

- Attach the player and the 1816 modules to a flat surface with the screws provided.
- Connect a 3.5mm cable from the 1816 RS-232 IN/OUT to the source, such as a BrightSign media player. Connect 3.5mm cables from the numbered (1-6) distribution ports to the RS-232 ports on the sink devices.
- Connect the power supply to AC power, then to the 1816 power port.
- Call Audio Authority with questions that are not addressed in this manual.

1816 Example System:

A BrightSign media player sends serial commands to TVs, receiving feedback from position 1.

BRIGHTSIGN
MEDIA
PLAYER

3.5MM RS-232 CABLE

MODEL 1816

3.5MM RS-232 CABLE X6

1   2   3   4   5   6

TV (SINK DEVICES)