

User Manual

C-1102

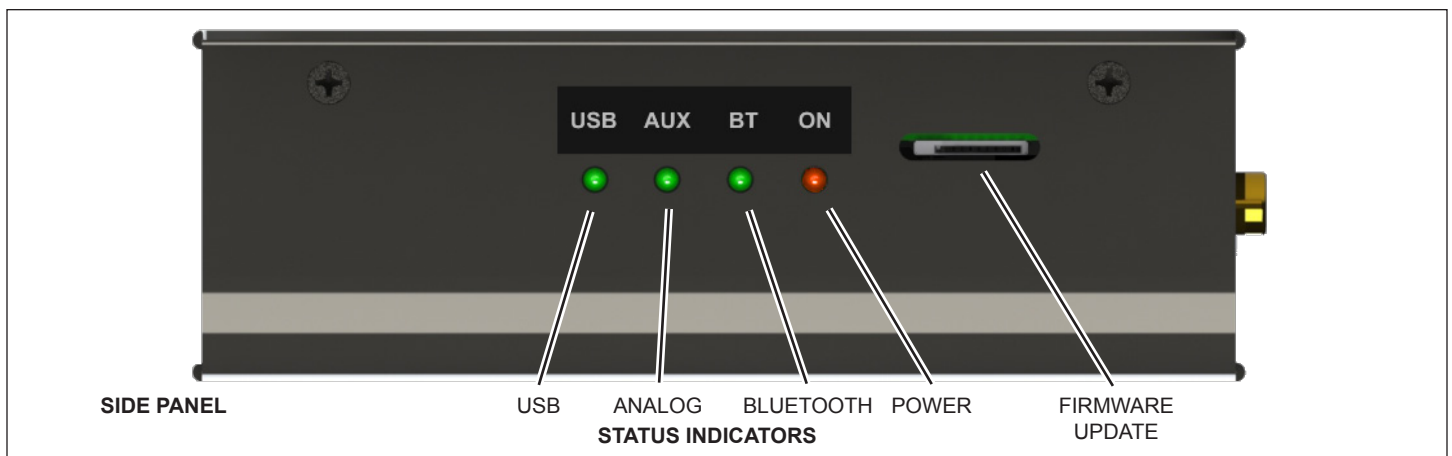
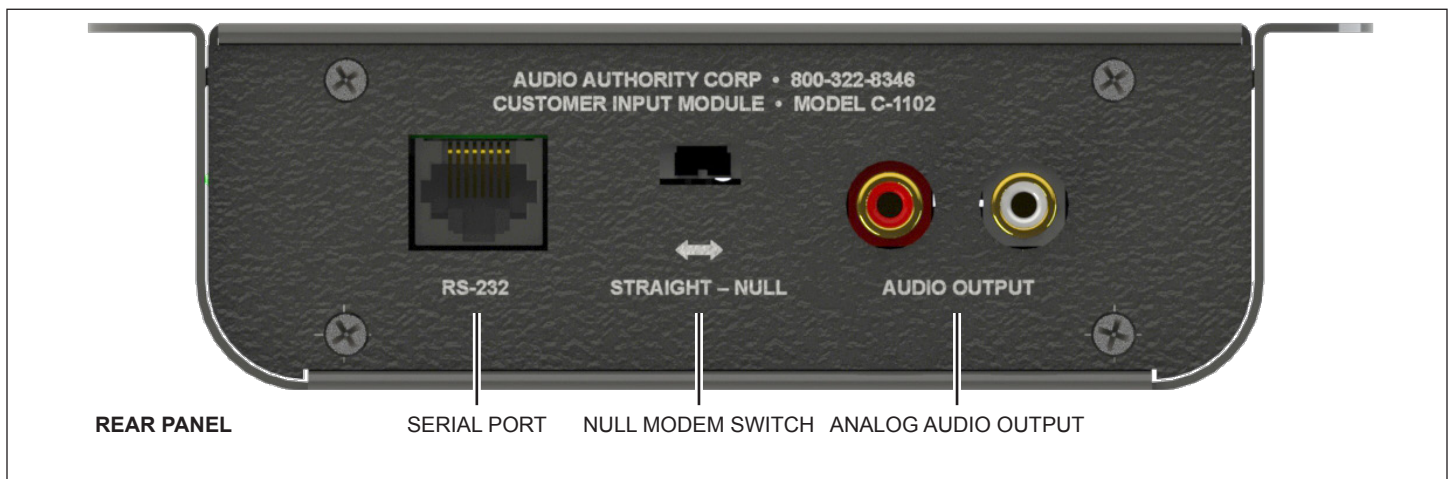
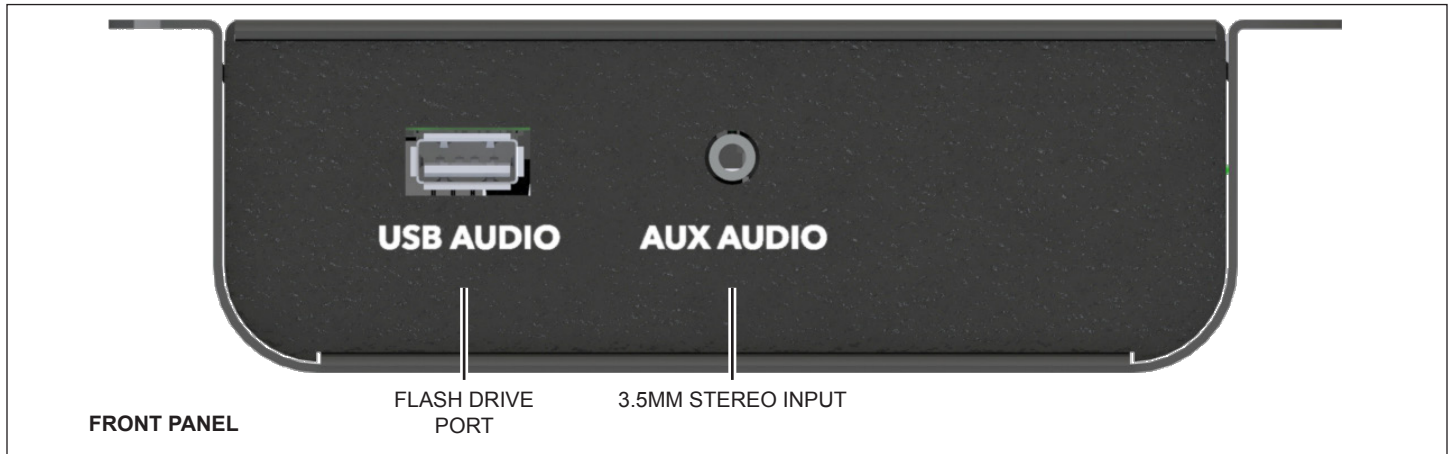
Customer Input Module

Introduction

The Audio Authority® Model C-1102 is a customer input module designed to provide audio inputs from the following sources: Analog (converted into 192 kHz / 32 bit I2S digital audio), Bluetooth, and USB.

Connections

The C-1102 accepts customer input via 3.5mm stereo input, Bluetooth signal, and thumb drive (music in the root, not in folders). Power is supplied by the 1798 via RS-232 port. Audio from the selected input is sent to the RCA audio output.



Serial Commands

The C-1102 serial port is set to 115200-8-N-1.

Command	Response	Description
[ANA]	INPUT = ANA	Switch to the analog 3.5mm input.
[BLU]	INPUT = BLU	Switch to Bluetooth input.
[USB]	INPUT = USB	Switch to USB input.
[BTPAIR]	BT = BTPAIR	Request Bluetooth to power up and accept pairing.
[BTDROP]	BT = BTDROP	Request Bluetooth to power down and forget previous pairing.
[BTPLAY]	BT = BTPLAYPAUSE	Request Bluetooth to Play/Pause connected device's media player.
[BTNEXT]	BT = BTNEXT	Request Bluetooth to advance to next track on connected device.
[BTPREV]	BT = BTPREV	Request Bluetooth to return to previous track on connected device.
BT Vol Change	BTVOL = x	When connected BT device changes volume, report the current volume value.
BT Paired	BT = BTCONNECTED	Sent when a BT device has successfully paired to the BT module.
[USBGS]	USB STATE = INIT/EMPTY/ READ/READY/PLAY X/STOP	Request state of USB port. See table below for more info.
[USBGFC]	USB FILE COUNT = x	Request number of playable files found on the USB device.
[USBPF=x]	USB STATE = PLAY x	Request player to begin playing file number "x". Number must be between 1 and the value returned by [USBGFC] inclusive.
[USBSTOP]	USB STATE = STOP	Request player to stop playing the current file
[TIMEOUT]	C-1102 = TIMEOUT	Request player to disable all selected inputs and perform [BTDROP] and [USBSTOP] commands.

USB Decoder Limitations

- MP3: Up to and including 320 kbps have been confirmed.
- FLAC: FLAC files with higher bit rates than 1750 kbps are not recommended.
- M4A: M4A files encoded as Apple Lossless Audio Codec (ALAC) are not recommended.
- Music in the root only, no folders.

Troubleshooting

- Check for loose or damaged cables. Use strain relief where appropriate.
- If red Power LED does not light, check power source.
- Power cycle the C-1102 by disconnecting the RJ-45 cable to the RS-232 port.

If you experience difficulties, call Audio Authority Support at 800-322-8346 M-F 8:30 AM to 5:00 PM EDT.



2048 Mercer Road, Lexington, KY 40511-1071 USA
800-322-8346 • 859-233-4599 • Fax: 859-233-4510
support@audioauthority.com • www.audioauthority.com

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