

DAS101CM

Audio Buffer - MAAP Module

UNIQUE FEATURES

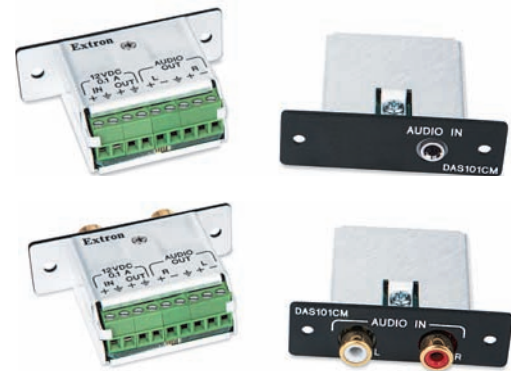
- Input: One 3.5 mm stereo mini jack

DAS101CM

Audio Buffer - MAAP Module

UNIQUE FEATURES

- Input: Two RCA female jacks



FEATURES

- Output: Captive screw connector
- Accepts unbalanced line level stereo audio input signals and outputs them as balanced audio or unbalanced audio
- Buffers and balances audio signals for long cable runs
- Installs in products that accept MAAP - Mini Architectural Adapter Plates
- Available in black and white
- Shares power supply with DAV101CM or CIA Series interface through power loop-through connector

Note: The DAS101CM is designed to be powered by the host DAV101CM; a power supply is not included. For standalone operation, order the Extron EPS 1201 external universal power supply, part # 70-055-01.

DESCRIPTION

The Extron **DAS101CM** is an audio buffer with inputs on either dual RCA connectors or one 3.5 mm stereo mini jack. It is designed to buffer and balance audio signals for long cable runs.

The DAS101CM is mounted in a compact, single-space MAAP - Mini Architectural Adapter Plate that installs in CPM Series Modular Connector Plates and other products that accept MAAPs. It is available in black, white, and RAL9010 white.

SPECIFICATIONS

AUDIO

Gain	Unbalanced output: 0 dB; Balanced output: +6 dB
Frequency response	20 Hz to 20 kHz, ±0.5 dB
THD + Noise	<0.025% @ 1 kHz, <0.020% @ 20 kHz at nominal level
S/N	>100 dB at maximum output (unweighted)
Stereo channel separation	
DAS101CM-1, -2	>56 dB @ 20 Hz to 10 kHz
DAS101CM-3, -4	>75 dB @ 20 Hz to 10 kHz

AUDIO INPUT

Number / Signal type	1 stereo, unbalanced, line level
Connectors	
DAS101CM-1, -2	(1) 3.5 mm mini audio jack (tip-ring-sleeve), female
DAS101CM-3, -4	1 pair of RCA (tip-ring) jacks, female
Impedance	>10k ohms unbalanced, DC coupled
Nominal level	-10 dBV (316 mVrms)
Maximum level	+6 dBu, (balanced or unbalanced) at 1% THD+N

NOTE: 0dBu = 0.775Vrms, 0dBV = 1Vrms, 0dBV = 2dBu.

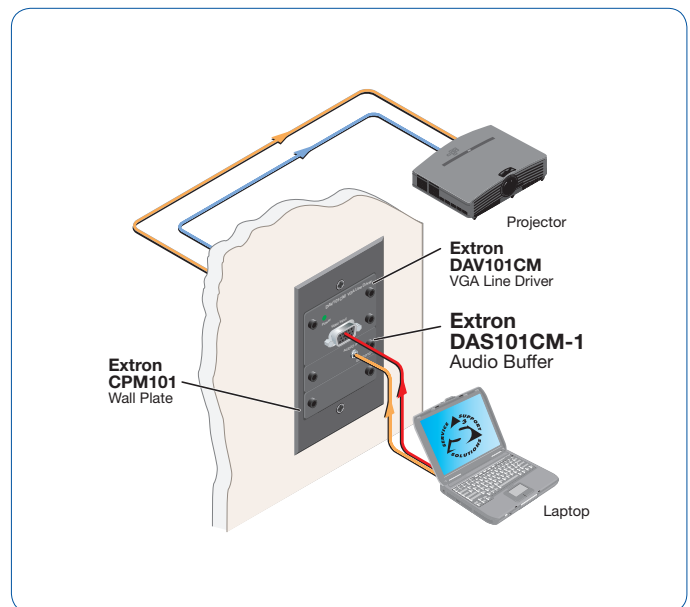
AUDIO OUTPUT

Number / Signal type	1 stereo, balanced / unbalanced
Connectors	(1) 3.5 mm direct insertion captive screw connector, 5 pole
Impedance	50 ohms unbalanced, 100 ohms balanced
Nominal level	-2 dBu (0.632Vrms) for balanced output
Maximum level (H-Z)	>+15 dBu, balanced or unbalanced at 1% THD+N
Maximum level (600 ohm)	>+13 dBm, balanced or unbalanced at 1% THD+N

GENERAL

Power input requirements	12VDC, 0.1 A
Temperature / Humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +113 °F (0° to +45 °C) / 10% to 90%, noncondensing
Rack mount	Yes, with optional rack shelf and face plates. Also wall or furniture mountable with optional faceplates
Enclosure type	Metal
Enclosure dimensions	
Faceplate	0.7" H x 2.2" W x 0.1" D (1.8 cm H x 5.6 cm W x 0.2 cm D)
Device	0.7" H x 1.4" W x 1.3" D (1.8 cm H x 3.6 cm W x 3.3 cm D) (Depth excludes connectors.)
Product weight	0.2 lbs (0.1 kg)
Shipping weight	1 lb (1 kg)
Listings	ETL (UL1950)
Compliances	CE, FCC Class A
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE: All nominal levels are at ±10%. Specifications are subject to change without notice.



MODEL

VERSION DESCRIPTION

PART

3.5 mm stereo mini jack input models

DAS101CM-1	3.5 mm Stereo Mini Input - Black	60-610-11
DAS101CM-2	3.5 mm Stereo Mini Input - White	60-610-21

RCA female input models

DAS101CM-3	RCA Female Input - Black	60-611-11
DAS101CM-4	RCA Female Input - White	60-611-21

OPTIONAL ACCESSORIES

MODEL DESCRIPTION

PAGE

PART

EPS 1210 B	Extron EPS 1210 B Power Supply - 12VDC, 1A	page 694	70-055-01
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