

WPB Series

Wallplates with Pass-Through Connectors



SERIES FEATURES

- Available in black or white
- Signals passed through unprocessed - audio is buffered on 103B and 107B models
- Mounting brackets, junction boxes, and mud rings sold separately
- Pre-terminated cable assemblies are available in a variety of lengths for selected models

DESCRIPTION

The Extron **WPB Series** of wallplates is specifically designed for standard one, two, or three gang-sized junction boxes. These plates feature the most popular A/V configurations using pass-through connectors - audio is buffered on 103B and 107B models - for an affordable integration solution. Extron WPB wallplates are made of metal and are available in either black or white finish. Mounting brackets, junction boxes, and mud rings are sold separately.

GENERAL — ALL MODELS

Temperature / Humidity Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
Rack mount No, but furniture/wall mountable.
Enclosure type Metal

Dimensions

WPB 100 Series 4.5" H x 2.8" W x 1.6" D* (11.4 cm H x 7.1 cm W x 4.1 cm D*) (1 gang)
 WPB 200 Series 4.5" H x 4.6" W x 1.6" D* (11.4 cm H x 11.7 cm W x 4.1 cm D*) (2 gang)
 WPB 300 Series 4.5" H x 6.4" W x 1.6" D* (11.4 cm H x 16.3 cm W x 4.1 cm D*) (3 gang)

* Note: The faceplate itself is 0.1" D (0.3 cm D). The listed depth includes rear connectors and excludes front connectors. Allow at least 2.5" (6.4 cm) depth within the wall box or furniture to accommodate the connectors, and cables.

Product weight

WPB 100 Series 0.2 lb (0.1 kg)
 WPB 200 Series 0.3 lb (0.1 kg)
 WPB 300 Series 0.5 lb (0.3 kg)

Shipping weight

WPB 100 Series 1 lb (1 kg)
 WPB 200 Series 3 lbs (2 kg)
 WPB 300 Series 5 lbs (3 kg)

Vibration ISTA 1A in carton (International Safe Transit Association)

MTBF 30,000 hours

Warranty 3 years parts and labor

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

Note: For complete specifications, please go to www.extron.com

SPECIFICATIONS

AUDIO — WPB 103B, WPB 107B

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

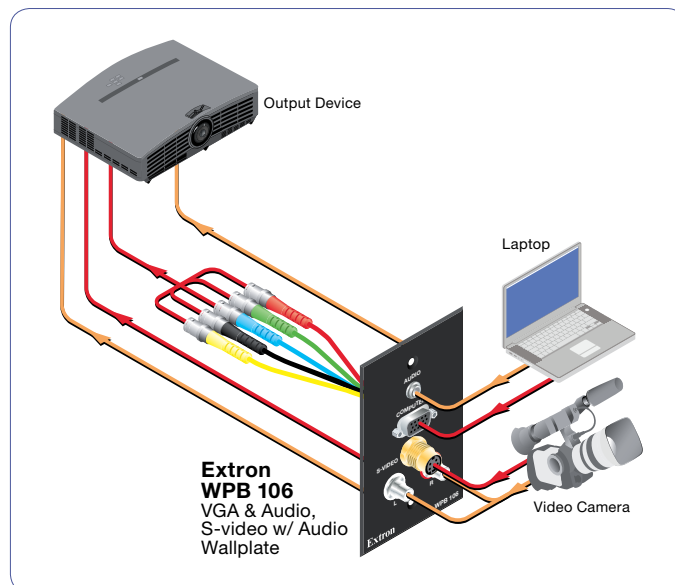
3.5 mm mini audio jack >56 dB @ 20 Hz to 10 kHz
 RCA jacks >75 dB @ 20 Hz to 10 kHz

AUDIO INPUT — WPB 103B, WPB 107B

Number / Signal type 1 stereo, unbalanced, line level
Connectors (1) 3.5 mm mini audio jack (tip-ring-sleeve), female
 1 pair of RCA (tip-ring) jacks, female
Impedance >10 kohms 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 — WPB 103B, WPB 107B

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 (Hi-Z) >+15 dBu, balanced or unbalanced at 1% THD+N
Maximum level (600 ohm) >+13 dBm, balanced or unbalanced at 1% THD+N



Continued →

WPB 200 Series

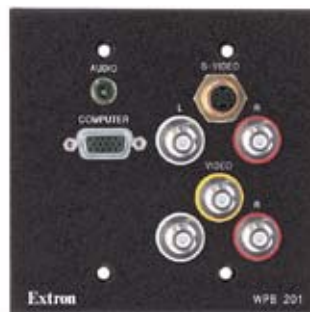
Two-Gang WPB - Wallplates with Expanded Connectivity

WPB 201

Two-Gang WPB - Wallplate with Computer, S-Video, Composite Video, and Stereo Audio Connectors

UNIQUE FEATURES

- Computer video: 15-pin HD female to five BNC on staggered length pigtails 8-12"
- Computer audio: 3.5 mm stereo mini jack barrel
- S-video: 4-pin mini DIN female barrel
- Stereo audio: Two RCA female barrels - red/white
- Composite video: RCA Female to BNC Female Adapter
- Stereo audio: Two RCA female barrels - red/white



Front



Rear

MODEL	VERSION DESCRIPTION	PART #
WPB 201	Black.....	60-782-11
WPB 201	White.....	60-782-21
WPBC 201	Pre-terminated cable assemblies for this wallplate are available in a variety of lengths. See page 235 for more information.....	42-094-XX

WPB 202

Two-Gang WPB - Wallplate with Computer, S-Video, Composite Video, and Stereo Audio Connectors; CAT 6 RJ-45 Connectors

UNIQUE FEATURES

- Computer video: 15-pin HD female to five BNC on staggered length pigtails 8-12"
- Computer audio: 3.5 mm stereo mini jack barrel
- S-video: 4-pin mini DIN female barrel
- Composite video: RCA female to BNC female adapter
- Stereo audio: Two RCA female barrels - red/white; Shared audio for S-video and composite video
- RJ-45: RJ-45 female to punch down block for CAT 6



Front



Rear

MODEL	VERSION DESCRIPTION	PART #
WPB 202	Black.....	60-783-11
WPB 202	White.....	60-783-21
WPBC 202	Pre-terminated cable assemblies for this wallplate are available in a variety of lengths. See page 236 for more information.....	42-095-XX