



Features

Provides embedded controller based on a real-time operating system, with six dedicated DSPs to manage audio manipulation

Provides connections for the dispatcher's headset Jack Box, desktop microphone, footswitch, select and unselect speakers, call recorders, and four auxiliary control relays

Operates without an internal fan for a quiet, efficient operation

Provides dual gigabit Ethernet interfaces with support for 10/100/1000 Base T connections

Meets criteria to be RoHS (Restriction of Hazardous Substances Directive) Compliant and received multiple other international agency approvals for safety and radiated emissions

Includes front status LED indicator

Includes reset button

Offers a variety of options for location: desktop, wall mounted, or under-desk mounted

Supports Scout Versions 3.0 and later

Scout Media Workstation Plus

Scout's console audio controller, the Media Workstation Plus, supports professional grade audio peripherals such as speakers, desk microphones, handsets, and headsets for maximum flexibility in audio presentation.

The Media Workstation Plus incorporates a modern, sleek exterior design with state-of-the-art features and a small physical footprint. The Media Workstation Plus is designed with redundant network interface connections for maximum operational uptime and it meets multiple international agency approvals for safety and operation.

The Media Workstation Plus uses digital signal processors (DSPs) to provide the highest quality audio for mission critical console applications. Headset sharing capability with NENA compliant telephone desksets is also supported.

SPECIFICATIONS

GENERAL

Channels: 50 per workstation

Patches: 5 patches per workstation; 8 members per patch

Codecs supported: G.711, G.729a, G.726

Simultaneous Alert Tones: 4

Network Interface Ethernet ports: 2

AP Port Type I ports: 4 max, desk microphone, speakers, or Jack Box

AP Port Type II ports: 4 max, speakers, IRR, NENA DeskSet, console recording devices

AP Port Type III ports: 3 max, speakers

Peripherals Support: Jack Box, desktop microphone, speakers, footswitch, auxiliary PTT

Form C Relays: 4

AUDIO SPECIFICATIONS

SYSTEM AUDIO INPUT

Impedance: 600 ohms balanced

Level: -30 dBm to 0 dBm

ALL AUDIO OUTPUT

Impedance: 600 ohms balanced

Level: +2 dBm max

THD+N: < .5%, unweighted

Signal to Noise: 70 dB typical at maximum output

Noise Floor: -70 dBm typical

PHYSICAL SPECIFICATIONS

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Unit Dimensions (H/W/D): 12.75 in X 2.75 in X 9.25 in

Weight: 6.5 lbs

Power(DC): DC - 12VDC, 5A; max 60 Watts; 235 BTUs/Hour

Power (AC external supply): AC - 100 - 240 VAC, 1.5A; max 69 Watts

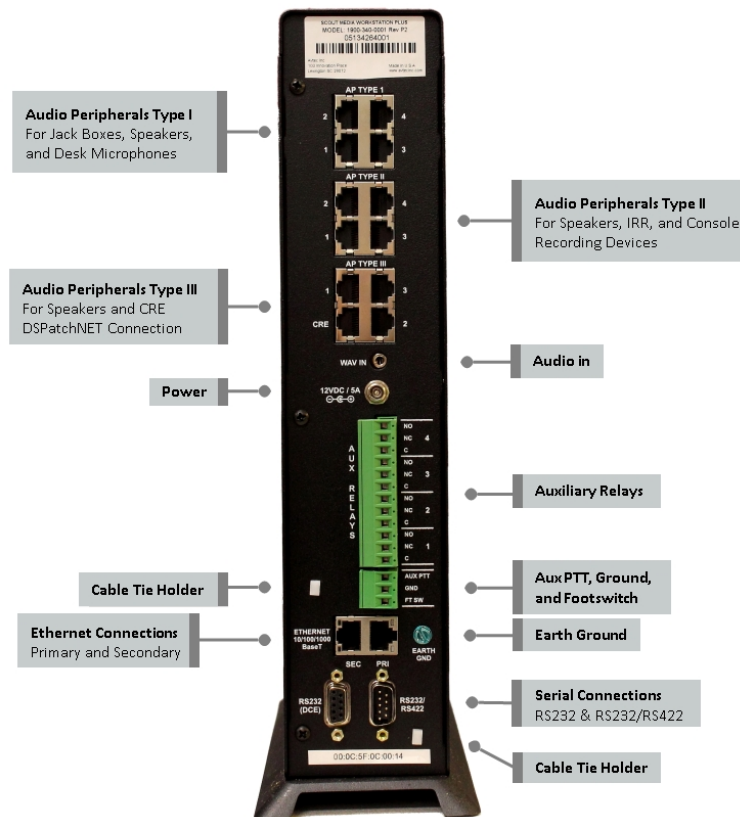
Note: The BTUs/Hour include the external Avtec-approved power supply.

Ambient Operating Temperature Range: 0°C to +40 °C (32 °F to 104 °F)

Relay Contact Rating: 24 V DC @ 1 A maximum

Color: Black and silver

CONNECTIONS



UNDER DESK MOUNTING BRACKETS

The mounting options allow you to attach the Media Workstation Plus vertically or horizontally under a desktop.

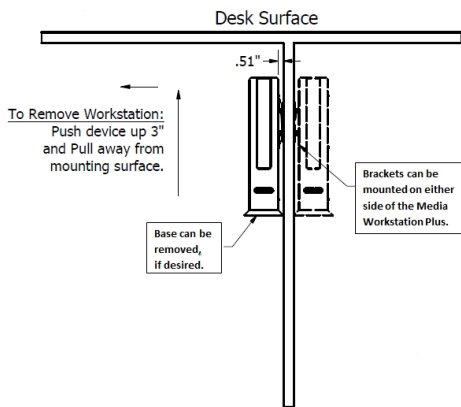
Vertical Mounting

For vertical mounting, the Media Workstation Plus mounts on either the left or right side of the box. The vertical mounting option is a set of brackets:

1. Attach the first piece to either side of the appliance through a VESA standard 100mm x 200mm hole pattern.
2. Attach the second piece to the furniture.

NOTE

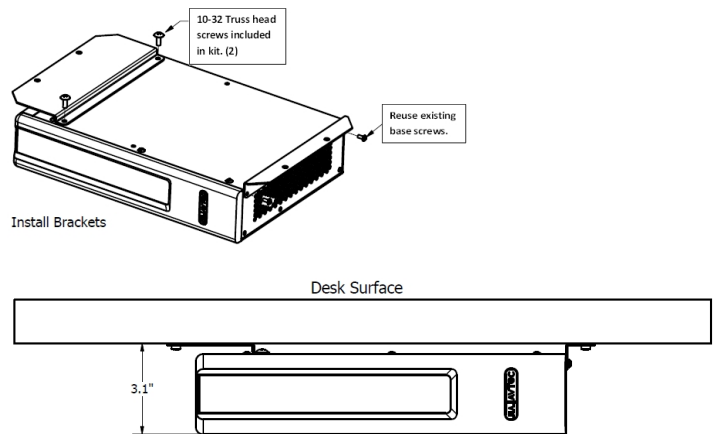
The base can be left on the appliance or removed when using the brackets.



Horizontal Mounting

For horizontal mounting, the Media Workstation Plus mounts with the Avtec logo toward the front and on the right. Mounting must be in this position to ensure proper cooling and operation. The horizontal mounting option is a set of brackets:

1. Remove base from Media Workstation Plus.
2. Use screws included in kit to attach large bracket to the top of the Media Workstation Plus.
3. Reuse base screws to attach smaller bracket to the base end of the Media Workstation Plus.



COMPLIANCE AND CERTIFICATIONS

ELECTRICAL SAFETY

BV Mark (Bureau Veritas): UL/CSA 60950-1 test and product Listing/Certification using BV NRTL 3rd Party Certification Mark, CSA C22.2# 60950-1 2nd Ed: 2011, UL 60950-1 2nd Edition: 2011

CE Mark: EN61010-1 test and compliance report per European Union CE Mark requirements as defined in the Low Voltage Directive 2006/95/EEC

CB Scheme: IEC CB Scheme Certificate Testing per IEC61010-1 requirements with country deviations

EMC (ELECTROMAGNETIC COMPATIBILITY)

FCC (Federal Communications Commission) Part 15 Class A (USA)

ICES-03 Class A (Canada)

EN55022, EN61000-3-2, EN61000-3-3 (European Union)

European Union (RF Immunity/Susceptibility) per EN61326: General Use

ENVIRONMENTAL

RoHS Compliant (Restriction of Hazardous Substances)

ACCESSORY MODEL NUMBERS

MODEL NUMBER	DESCRIPTION
ACCPLUS-HMW-MTG1	Under desk mounting kit for vertical mounting of the Media Workstation Plus.
ACCPLUS-HMW-MTG2	Under desk mounting kit for horizontal mounting of the Media Workstation Plus.
ACCPLUS-SPK-DUAL	Dual speakers for the Media Workstation Plus.
ACCPLUS-SPK-SING	Single speaker for the Media Workstation Plus.
ACCPLUS-MIC-DESK	Desktop microphone for the Media Workstation Plus.
ACCPLUS-FSW-SING	Single push-to-talk footswitch for the Media Workstation Plus.
ACCPLUS-FSW-WIDE	Wide treadle push-to-talk footswitch for the Media Workstation Plus.
ACCPLUS-JKB-SING	Headset/handset Jack Box (single jack) for the Media Workstation Plus.
ACCPLUS-RIL-3000	Ring/In-Use Indicator Package including power supply, red and green LED, direct mount for the Media Workstation Plus.
ACCPLUS-RIL-3111	Ring/In-Use Indicator Package including power supply, red and green LED, 300 mm pole mount, flange bracket for the Media Workstation Plus.
ACCPLUS-RIL-3112	Ring/In-Use Indicator Package including power supply, red and green LED, 762 mm pole mount, flange bracket for the Media Workstation Plus.
ACCPLUS-RIL-3121	Ring/In-Use Indicator Package including Power supply, red and green LED, 300 mm pole mount, small circular bracket for the Media Workstation Plus.
ACCPLUS-RIL-3122	Ring/In-Use Indicator Package including Power supply, red and green LED, 762 mm pole mount, small circular bracket for the Media Workstation Plus.
ACCPLUS-RIL-3124	Ring/In-Use Indicator Package including Power supply, red and green LED, 610 mm pole mount, small circular bracket for the Media Workstation Plus.
ACCPLUS-RIL-3131	Ring/In-Use Indicator Package including Power supply, red and green LED, 300 mm pole mount, large circular bracket for the Media Workstation Plus.
ACCPLUS-RIL-3132	Ring/In-Use Indicator Package including Power supply, red and green LED, 762 mm pole mount, large circular bracket for the Media Workstation Plus.
ACCPLUS-RIL-3133	Ring/In-Use Indicator Package including Power supply, red and green LED, 1000 mm pole mount, large circular bracket for the Media Workstation Plus.
ACCPLUS-RIL-3141	Ring/In-Use Indicator Package including Power supply, red and green LED, 300 mm pole mount, wall mount bracket for the Media Workstation Plus.
ACCPLUS-RIL-3142	Ring/In-Use Indicator Package including Power supply, red and green LED, 762 mm pole mount, wall mount bracket for the Media Workstation Plus.