



Scout Audio Package Options *Capability Guide*

Two Mission-Critical Options: Software or Hardware



Software Audio Package

Scout's highly reliable Software Audio Package provides exceptional audio quality on a software-based platform.

Used by Avtec's largest air, rail, public safety, and energy customers, the Software Audio Package is the audio processing engine for Avtec's Scout EX, the flagship product of the Scout Enterprise family.

The Software Audio Package features the Avtec-developed Software Media Workstation (SMW). With thousands of consoles in production, the SMW enables the package to process all audio via the Scout console software. This console-integrated solution saves space in the dispatching position, uses a limited number of cable and power connections, and has no requirement for additional network connections. The Software Audio Package supports Avtec-manufactured, professional grade peripherals for audio presentation.

The flexibility and portability of the Software Audio Package allows deployment on a laptop or a tablet supporting both fixed and mobile configurations. A mobile license enables support over 3G, 4G, LTE, and Wi-Fi networks for when it becomes necessary to manage voice communications outside the typical dispatch environment.

Our forward-thinking development cycle of continual improvements helps ensure Scout's Software Audio Package continues to meet the needs of mission-critical environments now and in the future.



Hardware Audio Package

Scout's Hardware Audio Package is proven with major corporations in all business segments throughout the United States.

Used with over 5,000 consoles today, the Hardware Audio Package features the Media Workstation Plus, an Avtec-built and time-proven audio processing device. The professional grade, ruggedly constructed Media Workstation Plus provides dual network connections and supports professional grade audio peripherals such as speakers, desk microphones, handsets, and headsets for audio presentation.

The Hardware Audio Package creates a dispatching position where the audio is processed by a device that is solely dedicated to sending Scout audio between a dispatcher and the endpoints in the field. With fully customizable audio settings, the Hardware Audio Package provides a rich audio experience in any environment, despite surrounding noise levels.

When the goal is dispatching positions with ultimate reliability and with totally customizable audio settings, Scout's Hardware Audio Package meets the need.

Capabilities-at-a-Glance

Review the table below to evaluate and compare the features of Scout's two audio package options.

Feature	Software Audio Package	Hardware Audio Package
Environment	Mission critical	
Functionality	Full Scout console	
Simultaneous Outbound Audio Sessions	20	16
Media Processing	Console PC	Dedicated media workstation
Simultaneous Inbound Audio Sessions	250	50
<ul style="list-style-type: none"> • Simultaneously Audible Based on Priority 	*75	16
Maximum Speakers	11	
Speaker Type	Avtec speakers (USB)	Avtec speakers (AP)
Maximum Speaking Devices	4	
Jack Box	Avtec Jack Box (USB)	Avtec Jack Box (AP)
Headset Jack Type	Tip/Ring/Sleeve or USB	Tip/Ring/Sleeve
NENA Headset Interface	Yes	Yes
Microphone	<ul style="list-style-type: none"> • Avtec Desk Microphone (USB) • Third-party USB microphone 	Avtec Desk Microphone (AP)
Mic Mute	All microphones	All and individual microphones
Footswitch Function	Avtec Footswitch for PTT (USB)	Avtec Footswitch for PTT
Recording Method	IP only	IP and analog
Mobility	Yes	No
Console Pool Licensing Option	Yes	No
Configurable Audio Routing	Yes: Select, Unselect, and Ring Tones for any Jack Box or speaker	
Route Audio from Headset to Select Speaker for Monitoring	Yes	
Mix Scout Audio Options in a Dispatch Center	Yes, both Scout console package options can be deployed in the same dispatch center.	

Feature	Software Audio Package	Hardware Audio Package
Endpoint Types Supported	All	
Telephony Supported	Yes	
Patch Endpoints	5 patches per workstation; 8 members per patch; 10 endpoints patched per console at one time	
Maximum Endpoint Pads	2000	
User Logins/Free Seating	Yes	
Scout Instant Recall Recorder (IRR)	Yes	
External IRR	No	Yes
Dual NIC Support	Yes	
Frontier Capable	Yes	
Advanced Radio	Yes	
Console Relays	4 Form C available for purchase	4 Form C included
Codecs Supported	G.711, G.729a, G.726	

*Monitoring more than 75 concurrent streams could impact audio quality.

*Software Media
Workstation
Enhancements*

Review the table below to help in the migration from previous versions of Software Media Workstation, determining supported features for each Scout release.

Feature	Scout 4.4	Scout 4.5	Scout 4.6/4.7/4.8 (Scout EX)	Scout 4.9	Scout 4.11
Simultaneous Outbound Audio Sessions	12	12	20	20	20
Simultaneous Inbound Audio Sessions	12	12	50	50	250
Maximum Speakers	2	11	11	11	11
Maximum Speaking Devices	3	4	4	4	4
Avtec Peripherals Support	Yes	Yes	Yes	Yes	Yes
Jack Box Support	Yes (USB)	Yes (USB)	Yes (USB)	Yes (USB)	Yes (USB)
NENA Support	No	No	No	Yes	Yes
Hookswitch Support	No	No	Yes	Yes	Yes
Configurable Audio Routing	Ring Tones for Jack Box or Speaker	Select, Unselect, and Ring Tones for any Jack Box or Speaker	Select, Unselect, and Ring Tones for any Jack Box or Speaker	Select, Unselect, and Ring Tones for any Jack Box or Speaker	Select, Unselect, and Ring Tones for any Jack Box or Speaker

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