Audio Authority®

1500 Series III Intercom Systems

BANK • PHARMACY • DISTRIBUTION • PARKING • DISPATCH • LEGAL & SECURE FACILITIES



Communication Designed for Drive-up Customers

Audio Authority® Intercom Systems are the industry-leading solution for drive-up customer service at banks, pharmacies, and other transaction-based facilities for clear, private, and easy-to-use communication.

1500 Series III intercoms are the culmination of extensive research and decades of incremental improvements resulting in the best hardware and software solutions for voice and visual communications.

Historically, drive-up intercom systems have been difficult to install and adjust in the field, often requiring multiple runs of expensive wiring, making retrofits difficult or impractical. Series 1500 Counter and Lane Stations connect to a System Hub using just one Cat 5/6 cable, that carries all audio, video and control signals. Installations are quick, simple, and reliable.

The rugged, easy-to-clean, touch-sensitive counter station keypad will never wear out because it has no moving parts. It is easily configured for exact system capacity, using the versatile key color or number system, so that only the keys needed for lane selection and system control are visible and active.

Easy system configuration and setup ensure years of trouble-free operation. Settings for the whole system may be adjusted from one of the counter stations. Expanding the system to add more counter stations or Lane Station end points is quick and easy.

Audio Authority Knows Intercoms

Decades of experience with high fidelity audio enabled us to produce the best quality intercom systems on the market starting back in 1982. Since then, we have been committed to constant improvement, so you can be sure Audio Authority's sound quality, ease of use, and friendly, personalized support lead the industry. We build our intercom products in the same Lexington, Kentucky manufacturing campus that is home to our sales, support, and engineering departments, so if you have questions, give us a call…we'll be glad to hear from you.

800-322-8346 • audioauthority.com • sales@audioauthority.com • 2048 Mercer Road, Lexington, KY 40511-1071 USA



AUDIO COUNTER STATIONS

- Voice-optimized, natural sounding, two-way audio.
- Special audio circuit reduces background noises.
- Easy installation using a single Cat-5 cable.
- Compact base (7” x 7.3”) saves counter space.
- Model 1500B can be accessorized with a 1502L video option and/or 1503B privacy handset.
- Tough, touch-sensitive keypad – no moving parts.
- Configure lane keys for up to 12 lanes.
- Press the privacy key to use a wireless headset.
- Easy system setup using one counter station to configure an entire system.

VIDEO & HANDSET OPTIONS

- Add two-way video to an audio counter station with the Model 1502B. 45% larger image, easy tilt, enclosed cabling, updated styling.
- Privacy handset may be attached to the counter station or wall-mounted for HIPAA compliant communications.
- Easy cradle installation – one cable and two screws.
- 8 inch LCD display is high-contrast, high-brightness.
- Easy camera and video display tilt, adjustable height.
- The Mirror key on the counter station shows the indoor camera view to help operators adjust the tilt.
- Camera Up/Down keys control outdoor video camera view (digitally) to adjust for vehicle height.

Custom Settings

The 1500 system has many features and adjustments that can be set up by the installer, and some that can be accessed by the user. Fine tune the audio gain and filters, choose lane keys, and modify hold behavior using the Model 1550A setup tool. It gives the installer easy access and keeps others from modifying them. Settings for each system may be backed up on an SD memory card using the 1517 hub card.





AUDIO MINI HUB
MODEL 1509B



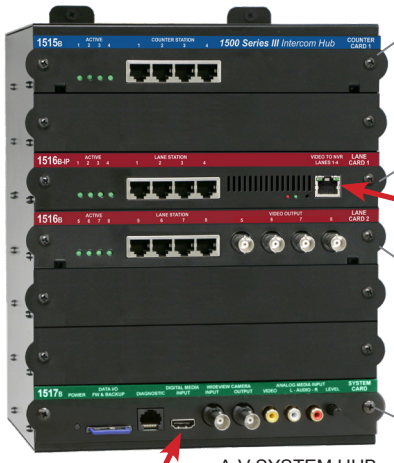
VIDEO MINI HUB
MODEL 1509BV



A-V LANE STATION
MODEL 1520B



DUAL AUDIO LANE STATION
MODEL 1522B



COUNTER STATION CARD
MODEL 1515B

LANE STATION CARD
MODEL 1516B-IP

NEW! IP CAMERA FEED

LANE STATION CARD
MODEL 1516B

A-V SYSTEM HUB

SYSTEM CARD
MODEL 1517B

NEW! HDMI COMPATIBLE INPUT



INTEGRATED CUSTOMER STATION
MODEL 1527ABV

SPEAKER

AUDIO & VIDEO SYSTEM HUBS

- Hubs perform signal routing for multi-lane systems.
- A-V System Hub capacity can be increased by adding counter and lane cards.
- Video output from lane cameras is convenient for recording transactions on an NVR (1516B-IP) or analog video recorder (1516B).
- An HDMI media player may be connected to the hub to play sound and video for waiting customers.
- Mini Hubs (A-V or audio only) are ideal for systems with two counter stations and up to four lane stations.
- Back up all system settings on the SD card.

LANE & CUSTOMER STATIONS

- Lane Stations connect directly to a counter station or a Hub with only one Cat 6 cable.
- 1522B Dual Lane Stations connect directly to the counter station for one- or two-lane audio systems.
- 1520B Lane Stations mount inside drive-up housings and connect to external lane devices (speaker, microphone, call button, camera, video display, traffic sensor, etc.).
- Integrated Customer A-V Stations include everything on the 1520, plus mic, speaker, call button, camera, and display installed a weather-resistant housing. (10.4 inch screen)
- LED backlit displays offer high-brightness for outdoor viewing, and require very little power.

Video Messaging

Display media content when lanes are idle or on hold. Connect an HDMI video player or analog video and stereo audio to the 1517B Hub card.



MODEL 1517B



MODEL
631-055

Lane Microphone

Ultra weatherproof microphone for drive-up cabinets is easy to install, and transmits crystal-clear audio.

Optimal Architecture for Any Size System

Configuring systems is easy and cost-effective. The new 1522B dual lane station is the answer for one or two audio lanes. Connect one counter station directly to the 1522B – no hub required. Upgrades are simple, because the Counter Station can later be used with a hub.

The 1520B provides a cost effective, one-to-one solution, providing two way audio and video without a hub. For small to medium sized A-V systems, the new 1509BV hub gives you video configurations up to two counter stations and four lanes.

For any systems larger than two-on-four lanes, the expandable system hub allows a larger number of counter stations and lanes, plus a video stream for NVRs and input for multi-media messaging on the lane monitors via HDMI.



OPERATORS & LANES	COUNTER STATIONS	HUB	LANE STATIONS
1x1 audio	1500B  x1	Direct Connection (No Hub Required)	 1520B x1
1x2 audio	1500B  x1	Direct Connection (No Hub Required)	 1522B x1
1x1 video	1500B 1502B  x2	Direct Connection (No Hub Required)	 1520B or 1527AVB x4
2x4 audio	1500B  x2	 1509B	 1520B x4
2x4 video	1500B 1502B  x2	 1509BV	 1520B or 1527AVB x4
4x4 audio	1500B  x4	 1510B	 1520B x4
4x4 video	1500B 1502B  x4	 1510B-IP	 1520B or 1527AVB x8
8x16 video	1500B 1502B  x8	 CUSTOM	 1520B or 1527AVB x16

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INNOVATIVE ELECTRONIC SOLUTIONS SINCE 1976

2048 Mercer Road, Lexington, KY 40511-1071 USA
Phone: 859-233-4599 • Fax: 859-233-4510
Customer Toll-Free USA & Canada: 800-322-8346
audioauthority.com • sales@audioauthority.com

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