

Series 1500™ Audio / Video Intercom Systems



The New
1500A
Counter Station

New Features Include:

- Smaller footprint
- Adjustable height video
- Handset option

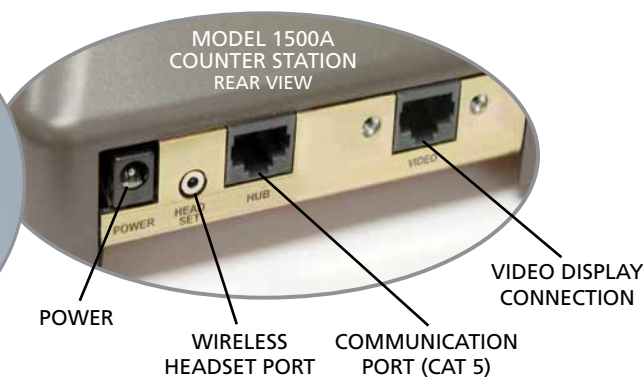
Model 1500AH
Counter Station
with 1502A
(2-way Video)

Audio  Authority®

Modern Intercom Products for Drive-up Customer Service Applications



WIRELESS HEADSET
(PLANTRONICS® CS55 SHOWN)



MODEL 1500A
COUNTER STATION
REAR VIEW

POWER

WIRELESS
HEADSET PORT

COMMUNICATION
PORT (CAT 5)

VIDEO DISPLAY
CONNECTION

HEADSETS & HANDSETS

- Any standard headset connects to the 1500A or 1500AH via the 3.5mm port
- The 1500AH includes a handset and cradle with volume adjustment
- The privacy key bypasses the speaker and mic for headset or handset use



Model 1500A Counter Station
7.25 x 3.25 x 7 (WxHxD, inches)

FIELD-
REPLACEABLE
MICROPHONE

CAMERA TILT
CONTROLS

INCOMING
VOLUME
CONTROLS

PRIVACY KEY

TOUCH-SENSITIVE
KEYPAD



Model 1500AH with 1502A (2-way Video)
9.5 x 12 x 7 (WxHxD, inches)

BUILT-IN VIDEO
CAMERA FOR
2-WAY VIDEO

LCD VIDEO
MONITOR

HANDSET

AUDIO COUNTER STATION

- Superior, natural sounding, two-way audio
- Two versions available: 1500A (shown above) or 1500AH (with handset and cradle)
- Intuitive lane selection with volume up/down control
- Keypad has no moving parts to wear out and is easy to clean
- Touch-sensitive lane keys are configureable for up to 16 lanes, using colors or numbers for identification
- Privacy feature bypasses microphone and speaker when wireless headset or handset is in use
- Connect Model 1550 Field Setup Tool to one counter station to configure the entire system
- Designed for easy installation using Cat 5 cable

VIDEO DISPLAY AND CAMERA

- Upgrade an audio-only system to in-bound video only (Model 1501) or two-way video (Model 1502, shown above)
- Wall mount versions available (Models 1501W and 1502W)
- Adjustable design allows camera and video screen to be raised from 12 inches to 15 inches, and allows the screen to tilt for optimal view
- Specially designed, 16 x 9 aspect ratio, high contrast, color LCD screen
- High resolution video camera
- Camera Up/Down keys control outdoor video camera tilt
- Multimedia content can be distributed to lane video monitors whenever the system is idle

Audio Authority® Series 1500™ Audio/Video Intercom Systems

Audio Authority's Series 1500 family of intercom products is the culmination of extensive research and our many years of experience designing hardware/software solutions for voice and video communications. Possible applications are:

- drive-up banking and pharmacies
- fast food applications
- distribution or dispatch operations
- secure entry or portal control systems
- other communication and customer service applications

Intercom systems are typically difficult to install and adjust in the field and often require expensive custom cable. All Series 1500 intercom products connect with each other using one Category 5 cable which carries all the audio, video and control signals for the system. Cat 5 cable is easily terminated in the field, and

it is readily available in plenum rated versions if required for an installation. The robust architecture of the system allows cable runs of up to 1,000 feet – from a Counter Station, through the Hub and out to a Lane Station.

The 1500A Counter Station uses a unique type of touch sensitive keypad for lane selection – there are no mechanical or membrane switches to wear out or fail. Additionally, each keypad can be easily configured for the application using the supplied color inserts so that only the keys needed for lane selection and system control can be accessed.

Volume levels and system configuration are easily set from one of the Counter Stations using our Field Setup Tool (Model 1550), and are stored on an SD memory card – there are no tricky adjustment potentiometers or DIP switches to set in the 1500 system.



Model 1550



Model 1520 Lane Station
4.75 x 7.25 x 2 (WxHxD, inches)



Model 1509SD Audio Hub
4 x 7.75 x 1.25 (WxHxD, inches)

All Hubs
Include an SD
Media Card



Model 1510 A/V Hub (Basic Configuration)
9 x 12 x 6 (WxHxD, inches)

AUDIO/VIDEO LANE STATION

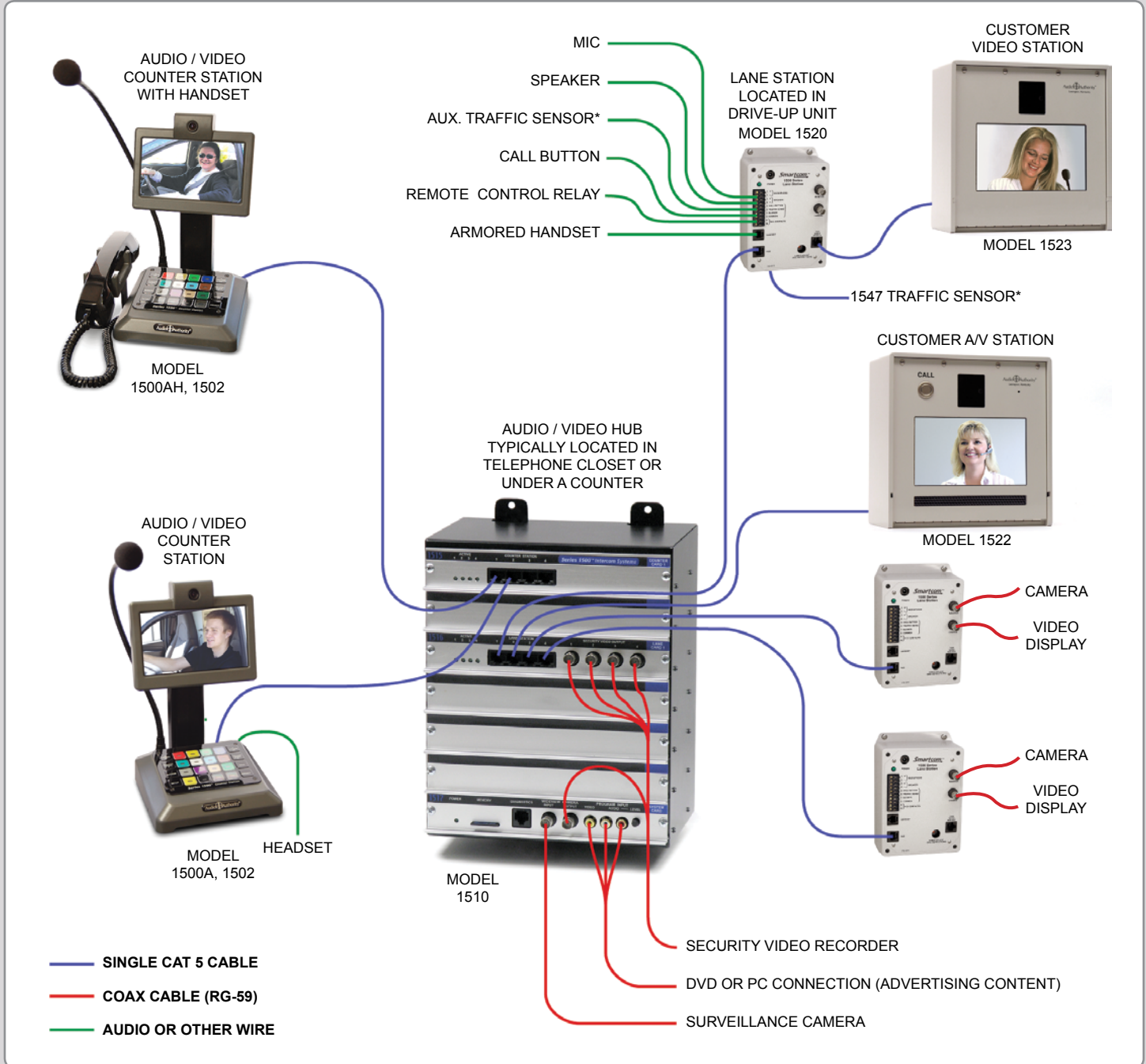
- Mounts inside drive-up lane housing or kiosk
- Connects to Hub or Counter Station with Cat 5 cable
- Provides connections for speaker, microphone, call button, LCD display, lane camera, armored handset, remote traffic sensor, and remote relay-controlled devices
- Weather-resistant speaker and custom wind-shielded microphone may be purchased separately
- Specially designed limiting circuit reduces loud external ambient noises
- For single lane applications, no Hub is required – one Counter Station may be connected directly to one Lane Station

AUDIO OR AUDIO/VIDEO HUB

- Model 1510 is used for audio/video applications, four operators serving four drive-up lanes; expandable up to 8 on 16 or 4 on 20
- Model 1509SD Audio Hub is used for audio-only systems, 2 on 4
- A/V Hub performs all voice/video signal routing functions for multi-lane systems, plus multi-media content delivery
- System settings can be stored on a removable SD media card (included) for security or replication purposes
- Tough, wall-mountable steel enclosure contains Counter, Lane, and System Control cards
- Models 1511 and 1512 hub configurations offer higher capacity
- Connections for multimedia source devices and direct outputs from lane cameras for recording transactions on a security DVR

System Overview

The diagram below shows a variety of different options in one audio/video intercom system: Counter Station handset and/or headset, all-in-one Customer Station including audio and video, or separate microphone, speaker, camera and video monitor.



* The Audio Authority Model 1547 Traffic Sensor connects to the 1520 Flash port. The Traffic Sense terminal is for auxiliary (third party) traffic sensors.

Audio Authority Knows Intercoms

Since 1976 Audio Authority has designed and manufactured high quality audio and video merchandising equipment for consumer electronics retailers. Our experience with high fidelity audio has enabled us to produce the best quality intercom systems on the market. Since 1982, we have

designed, manufactured and serviced several generations of intercom systems that were distributed and sold through other companies. Now we offer our own unique brand of intercom products directly through a network of authorized OEMs and Dealers. Call us for more information.

Audio Authority Corporation • 2048 Mercer Rd., Lexington, KY 40511, USA • 800-322-8346 • 859-233-4599 • Fax: 859-233-4510 • sales@audioauthority.com
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