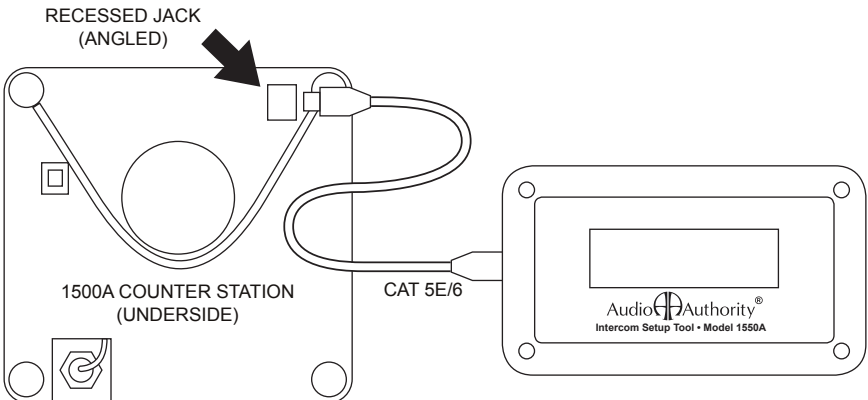


1550A CALIBRATION AND SETUP

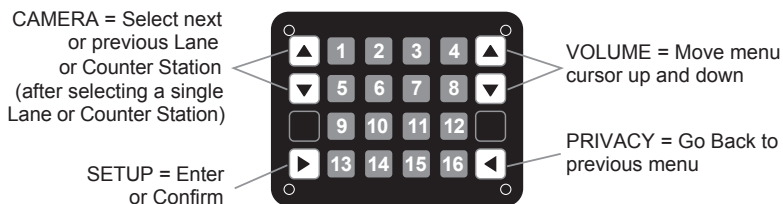
The Model 1550A is a programming tool that shows the menus and settings for Series 1500 and 1580 Intercom Systems. The entire system can be calibrated from one Counter Station (except for Model 1533*). Connect the CAT 5E/6 cable to the RJ45 jack on the underside of any live Counter Station (the jack is at an angle). Return the Counter Station to its upright position and connect the 1550A Setup Tool. If the Counter Station has a handset cradle (1500AH) make sure the handset is resting in the cradle before you connect the 1550A. Upon connection, the 1550A displays “Series 1500 EQUIPMENT CALIBRATION PLATFORM”.

- Hold the SETUP key on the Counter Station for one second to enter Setup Mode. The 1550A displays the top level of the menu shown on page 4.
- To navigate the menus, use the VOLUME UP and VOLUME DOWN keys to move the cursor.
- Use SETUP to enter a submenu or confirm a selection, and PRIVACY to go back.
- Any changes you make are recorded as you exit each menu. When you exit Setup Mode, you must choose to either save all changes and exit, or exit without saving.
- If you need to re-enter Setup Mode, simply press SETUP for 1 second.

** Model 1533 Intercom / Telephone Interface requires separate programming using the 1550A. After setting up the intercom system, connect the 1550A to each 1533 in the system and perform setup tasks as outlined in the 1533 manual.*



USING THE KEYPAD FOR NAVIGATION



POWER USER TIPS

- For faster menu navigation, submenus may be selected by touching the key that is lit RED corresponding to the menu item (see the numbered keys above). For instance, to enter BLOWER MOTOR DELAY, press 1 and then 1.
- To Exit Setup Mode from any menu, hold SETUP for one second and follow the prompts on the 1550A.
- After adjusting a Lane Station or Counter Station, you can use the CAMERA UP or CAMERA DOWN keys to select other stations for adjustment without leaving the submenu.

WARNINGS

- Read these instructions before using this product.
- This product must be installed by qualified personnel.
- Do not expose this unit to excessive heat.
- Clean the unit only with a dry or slightly dampened soft cloth.

LIABILITY STATEMENT

Every effort has been made to ensure that this product is free of defects. Audio Authority® cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user of the hardware to check that it is suitable for his/her requirements and that it is installed correctly. All rights are reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

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1500 SETUP MENU MAP WITH DEFAULT VALUES

Firmware Version 4.07 May 31, 2013

See 1533 or 1580 manuals for system menu maps.

<i>Root Menu</i>	<i>First Menu Subset</i>	<i>Second Menu Subset</i>
1: System Parameters	1: Blower Motor Delay 2: Power Save Delay** 3: Supervisor Teller* 4: Lane Mirror Disable** 5: Traffic Sensor Tone 6: Background Threshold 7: Allow Video Scroll 8: Master Teller	
2: Lane Parameters	1: Single Lane 2: Auto Select Lane 3: Group of Lanes 4: All Lanes 5: Cancel	1: Inbound Volume Level 2: Outbound Volume Level 3: Open Loop Gain 4: Handset Mic Level 5: Handset Speaker Level 6: Ringtone Override* 7: Half Duplex Only 8: Program Audio Abate* 9: Relay Operation 10: Swap Camera Up/Down 11: Suppress Video
3: Teller Parameters	1: This Teller 2: Single Teller 3: Group of Tellers 4: All Tellers 5: Cancel	1: Key Assignment** 2: Allow Hands Free
4: Set Defaults	1: Cancel 2: Financial Defaults 3: Pharmacy Defaults	
5: Memory Card	1: Cancel 2: Write To Memory Card 3: Read From Memory Card 4: Firmware Upgrade	
6: Exit	1: Cancel 2: Exit and Save 3: Exit Without Saving	

Financial Default Value Pharmacy Default Value

3.0 (seconds)	3.0 (seconds)
90 (seconds)	90 (seconds)
None	None
Off	Off
Use Lane Ringtone	Use Lane Ringtone
4	4
On	Off
None	1

8	8
4	4
12	12
8	8
8	8
None	None
Off	Off
Off	Off
Selection Activates	Selection Activates
Off	Off
Off	Off

On	Off
----	-----

*Not Available with 1-on-1 configurations

**Not available with 1509SD mini hub configurations

Note: See the 1533 or 1580 manual for definitions and setup instructions.

MENU SELECTIONS DEFINITIONS

AUTO-SELECT 1 LANE	Allows installer to configure lane audio settings using live audio from the lane. Useful for adjusting inbound and outbound audio levels.
ALLOW HANDSFREE	Allow communication using speaker and gooseneck microphone.
ALLOW VIDEO SCROLL	Inactive Counter Stations view all available cameras in sequence; when video scroll is disabled, inactive Counter Stations see only the wideview camera (if installed).
BACKGRND THRESHOLD	Adjustment for level of background audio rejected by Counter Station microphone. 0 = no rejection.
BLOWER MOTOR DELAY	The period between disengagement of blower and microphone audio un-mute. Adjusts in .5 second increments for up to 3 seconds of delay.
FIRMWARE UPGRADE	This menu allows the firmware of system components to be upgraded.
HANDSET MIC LVL	Inbound handset volume level adjustment.
HANDSET SPKR LVL	Outbound handset volume level adjustment.
HALF DUPLEX ONLY	Enables 'push-to-talk' operation.
INBOUND VOLUME LVL	Inbound volume level adjustment.
KEY ASSIGNMENT	This menu enables lane selection keys to be redefined in any configuration desired. First select the lane number to be assigned using the VOLUME keys. Then touch the key to be assigned to that lane. If the desired key is already assigned, touch it twice. For 20 lane systems use "Page Mode". Page Mode allows the user to flip between two "pages" of keys. The first page contains lanes 1-10, the second 11-20. To enter or exit Page Mode, touch the HOLD key while in KEY ASSIGNMENT.
LANE MIRROR DISABLE	OFF = Idle Lane Stations display their own camera output. ON = Idle Lane Stations DO NOT display their own camera output.
MASTER TELLER	Enables one Counter Station to monitor conversations conducted on all other Counter Stations.
OUTBOUND VOLUME LVL	Outbound volume level adjustment.

OPEN LOOP GAIN	Adjustment for adapting to different acoustic environments. Lower this setting for Lane Station acoustical environments with too much audio feedback. Increase this setting to hear more of the customer while operator is talking.
PGM AUDIO ABATE	ON = Program Audio heard ONLY when lane is <i>on hold</i> . OFF = Program Audio heard when lane is <i>idle</i> OR <i>on hold</i> .
PHARMACY SETTINGS	See the Model 1533 Telephone Intercom Interface Manual for details.
POWER SAVE DELAY	If enabled, the length of time the system must be idle before entering Power Save (LCD sleep).
READ FROM MEM. CARD	System settings are restored from Hub memory card.
RELAY OPERATION	Allows configuration of Lane Station relay contacts (Model 1520 terminal block position #9 & 10). The contacts can be set to close using the HOLD key, or while the lane is selected (See Operator Card 1 in the Series 1500 Intercom Systems manual for HOLD key operation details).
RINGTONE OVERRIDE	Press a key to select a unique ringtone for the selected Lane Station(s). 1 = no override (plays the ringtone set by each Counter Station). All other keys represent unique ring tones which override any Counter Station settings.
SINGLE LANE	Allows installer to configure lane audio settings without using live audio from the lane.
SUPERVISOR TELLER	If enabled, allows one Counter Station to monitor others.
SWAP CAMERA UP/DOWN	Swaps functions of the camera up and down buttons.
TRAFFIC SENSOR TONE	Press a key to select a unique ringtone for all traffic sensor events. 0 = no ringtone, 1 = use Lane Station Ringtone Override setting.
WRITE TO MEM. CARD	System settings are saved to Hub memory card.

FIRMWARE UPGRADE INSTRUCTIONS

These instructions are applicable to Series 1500 Intercom systems with v4.0 or higher firmware. If your system is not SD card-compatible, or has v1.9 or earlier firmware, call Audio Authority technical support.

Download the latest firmware version from: www.audioauthority.com/page/series1500firmware follow the instructions to copy the necessary files onto an SD card.

Note: Older Series 1500 equipment with firmware prior to version 1.5 may not be upgraded to version 4.07 using older Hubs. To upgrade to version 4.07, these systems must have a new 1509SD Hub, or a new 1517SD System card.

This upgrade may take several minutes. The system cannot be used during this time, so plan for adequate down-time to complete and verify the upgrade.

- Insert the SD memory card into the Hub* card slot (1509SD or 1517SD).
- Connect a 1550A Installer Setup Tool to the underside of a Model 1500A Counter Station that has firmware v4.0 or higher.
- Press Setup for 2 seconds
- Press Key 5 (1st button on second row)
- Press Key 4 (last button on top row)
- Press the Mirror key
- Press the Setup key twice

After a successful upgrade, "Firmware upgrade complete" is displayed on the 1550A screen. The menu on the 1550A now shows several new selection options that apply only to the new 1500A, 1500AH, and 1533. Once the upgrade is complete, all indicators on the Hub will return to normal operation.

** 1-on-1 systems may be upgraded by temporarily connecting a Hub.*

If you have questions or require assistance with this product in areas not covered by this manual, please contact Audio Authority using the information below.



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