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3 on 2 Audio / Video System Manual

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3 on 2 Audio Video System

Table of Contents

Important Safety Instructions 1

Overview 3

Teller Controls 4

Customer Controls 6

Wiring Diagram 7

BEAM Configuration Jumpers 8

Configuring the Audio Switcher for the Number of Consoles 9

Console and Switcher Mounting 10

Important Safety Instructions

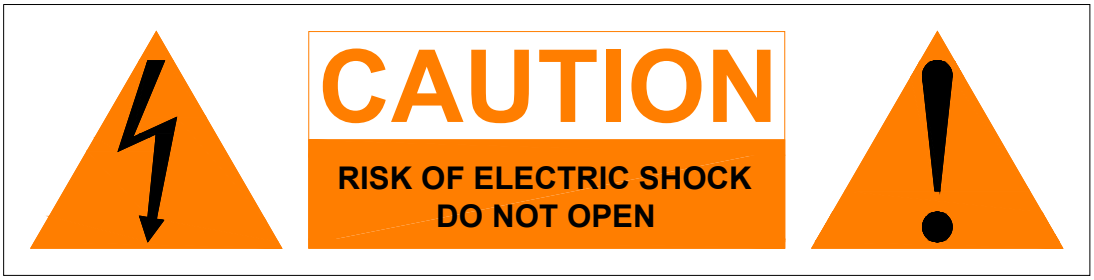
1. READ THESE INSTRUCTIONS.
2. KEEP THESE INSTRUCTIONS.
3. HEED ALL WARNINGS.
4. FOLLOW ALL INSTRUCTIONS.
5. DO NOT USE THIS APPARATUS NEAR WATER.
6. CLEAN ONLY WITH A DRY CLOTH.
7. DO NOT BLOCK ANY VENTILATION OPENINGS. INSTALL IN ACCORDANCE WITH THE MAUFACTURER'S INSTRUCTIONS.
8. DO NOT INSTALL NEAR ANY HEAT SOURCES, SUCH AS RADIATORS, HEAT REGISTERS, STOVES OR OTHER APPARATUS (INCLUDING AMPLIFIERS), THAT PRODUCES HEAT.
9. DO NOT DEFEAT THE SAFETY PURPOSE OF THE POLARIZED OR GROUNDING TYPE PLUG. A POLARIZED PLUG HAS TWO BLADES WITH ONE WIDER THAN THE OTHER. A GROUNDING PLUG HAS TWO BLADES, AND A THIRD GROUNDING PRONG. THE WIDE BLADE, OR THE THIRD PRONG, ARE PROVIDED FOR YOUR SAFETY. IF THE PROVIDED PLUG DOES NOT FIT INTO YOUR OUTLET, CONSULT AN ELECTRICIAN FOR REPLACEMENT OF THE OBSOLETE OUTLET.
10. PROTECT THE POWER CORD FROM BEING WALKED ON OR PINCHED, PARTICULARLY AT PLUGS, CONVENIENCE RECEPTACLES, AND THE POINT WHERE THEY EXIT FROM THE APPARATUS.
11. ONLY USE ATTACHMENTS/ACCESSORIES SPECIFIED BY THE MANUFACTURER.
12. USE ONLY WITH THE CART, STAND, TRIPOD, BRACKET OR TABLE SPECIFIED BY THE MANUFACTURER, OR SOLD WITH THE APPARATUS. WHEN A CART IS USED, USE CAUTION WHEN MOVING THE CART/APPARATUS COMBINATION TO AVOID INJURY FROM TIP-OVER.
13. UNPLUG THIS APPARATUS DURING LIGHTINING STORMS OR WHEN UNUSED FOR LONG PERIODS OF TIME.
14. REFER ALL SERVICING TO QUALIFIED SERVICE PERSONNEL. SERVICING IS REQUIRED WHEN THE APPARATUS HAS BEEN DAMAGED IN ANY WAY, SUCH AS, POWER SUPPLY CORD OR PLUG IS DAMAGED, LIQUID HAS BEEN SPILLED OR OBJECTS HAVE FALLEN INTO THE APPARATUS, THE APPARATUS HAS BEEN EXPOSED TO RAIN OR MOISTURE, DOES NOT OPERATE NORMALLY, OR HAS BEEN DROPPED.

15. **WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

16. ANY APPARATUS WITH CLASS 1 CONSTRUCTION SHALL BE CONNECTED TO A MAINS SOCKET OUTLET WITH A PROTECTIVE EARTHING CONNECTION.

17. THE MAINS PLUG ON ALL APPARATUS IS USED AS A DEVICE DISCONNECT AND THIS DISCONNECT SHALL REMAIN READILY OPERABLE AT ALL TIMES.

18. THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.



ANY ENCLOSURE THAT HAS THE ABOVE, OR SIMILAR MARKING, SHOULD ONLY BE OPENED BY QUALIFIED PERSONNEL.

Product Overview

The 3 on 2 Audio/Video system uses separate signals for audio and video, transmitting each with its own grounded cable. This provides consistency and quality in both signals, a key benefit over comparable Audio Authority systems.

Incoming Calls

When a customer presses the call button, a tone will sound, and the corresponding lane indicator light will begin to blink red at all consoles. Any console may press that lane button to accept the call, opening the communication line with the customer. The LED for that lane will turn to a solid green for that console, and solid red on the other console(s).

Simultaneous transactions are also possible with this system. For example, if a call is in progress between Lane 1 and Console 1, Console 2 or 3 can take an incoming call from Lane 2 without affecting the ongoing call. Console 1 can also take the incoming call in this situation, but that will end the call with Lane 1.

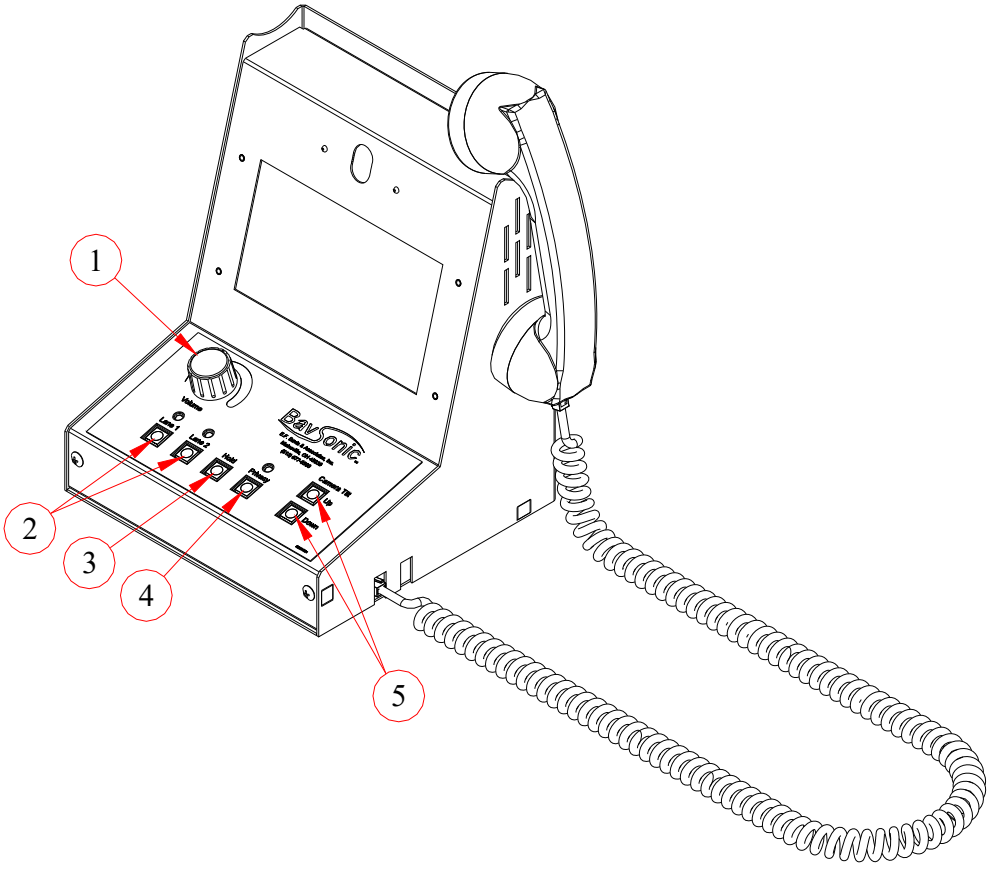
When a call is answered from the video console, the video feed will switch to the lane that was selected, so that the pharmacist and customer can see each other. The view angle of the camera at that lanes' customer end, can be vertically adjusted with the Up and Down "Camera Tilt" buttons, but only while on a call with that lane.

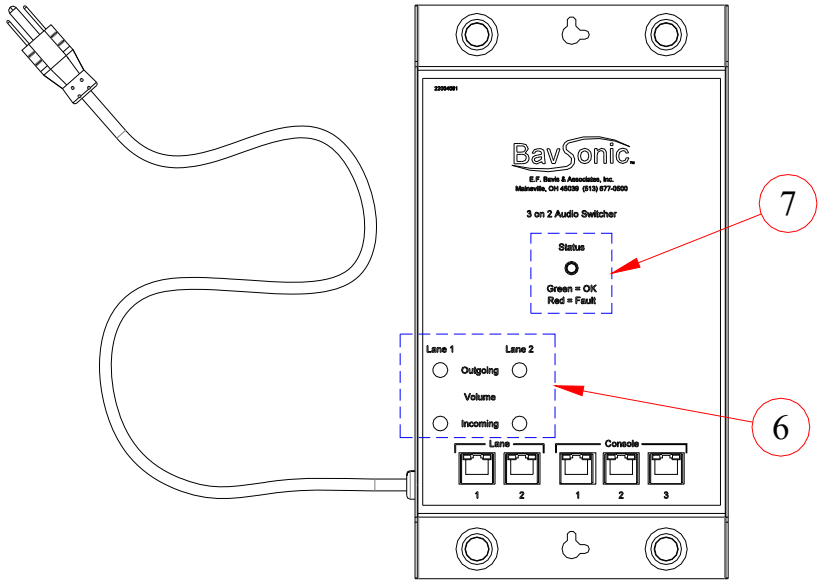
Transferring Calls

While on a call, pressing "Hold" will cause that lane indicator light to begin blinking green at the holding console and red at the other consoles. This indicates that any console can pick up the call, as if it were just initiated, by pressing the corresponding lane button.

3 on 2 Audio Video System Teller Controls		
Ref.	**Component**	**Function**
1	**VOLUME**	Adjusts teller-side speaker volume
2	**LANE (1 and 2)** (LED indicator above button)	When a customer places a call, the light next to the corresponding Lane button will begin to blink red. Pressing that Lane button will open the communication line with that customer. The LED for that lane will turn to a solid green for that console, and solid red on the other console(s).
3	**HOLD**	While on a call, pressing HOLD will cause that lane light to begin blinking green at the holding console and red at the other consoles. This indicates that any console can pick up the call as if it were just initiated, by pressing the corresponding lane button.
4	**PRIVACY** (LED indicator above button)	Switches the audio signal from the Handset to the Headset Indicator light on - Headset active Indicator light off - Handset active
5	**CAMERA TILT** (Audio/Video Console only)	While on a call, the UP and DOWN buttons will adjust the vertical angle of the camera at the corresponding lane.
6	**System Volume**	Access holes for base level incoming and outgoing volume adjustments. -Technician Use Only-
7	**Status Light**	Indicates system status

Figure 1: Audio Video Console (top) and Audio Switcher (bottom), with the key Components, numerically indicated (descriptions on p. 4)





Customer Video Head		
Ref.	**Component**	**Function**
1	**MIC**	Optional location for customer microphone. If mic is mounted elsewhere, use the included plastic plug to seal the mounting hole.
2	**CAMERA**	Camera mounted behind protective plastic shield. Vertical angle can be adjusted by teller - see p. 4-5

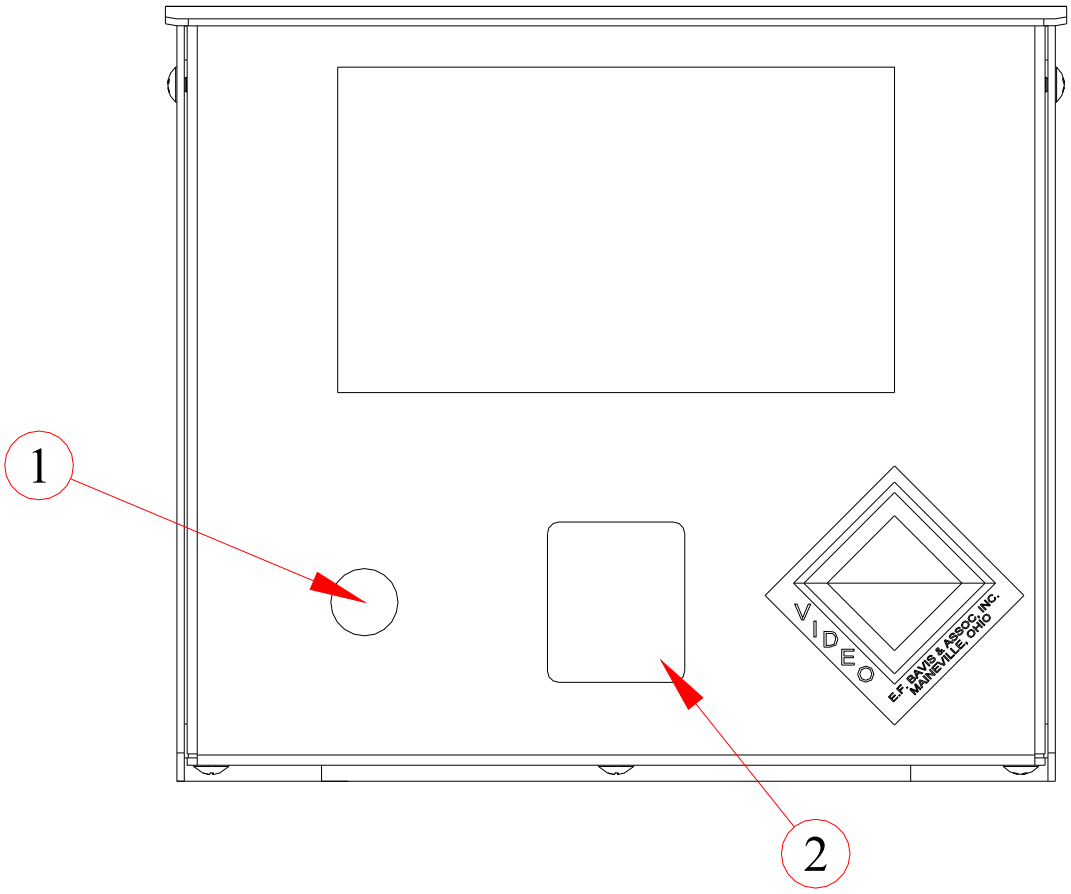
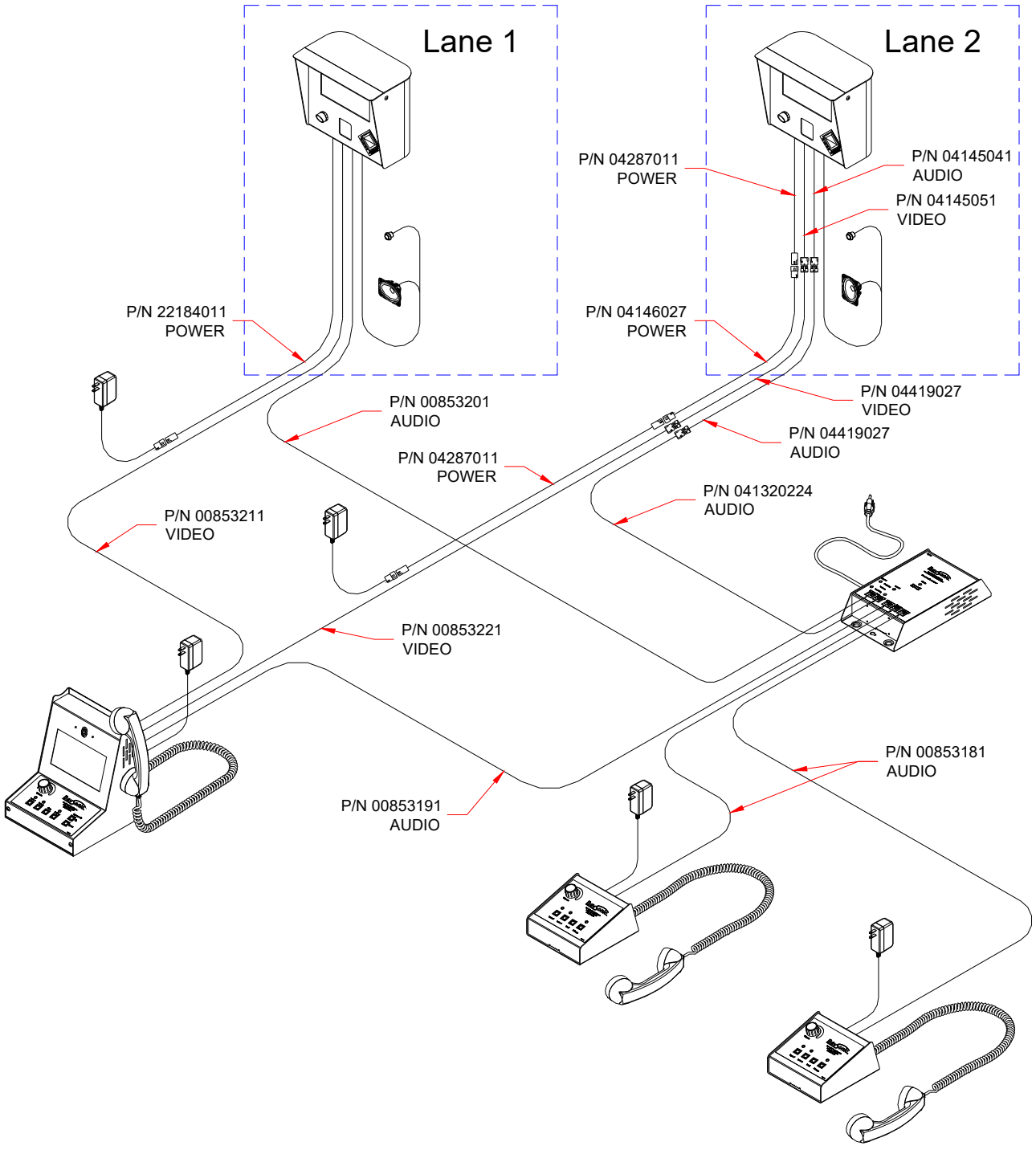
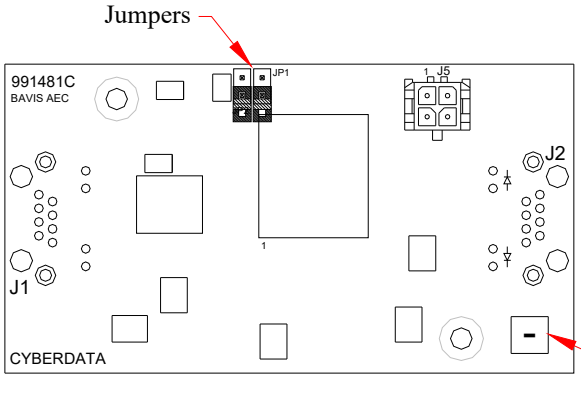


Figure 2: Customer Video Head

Wiring Diagram



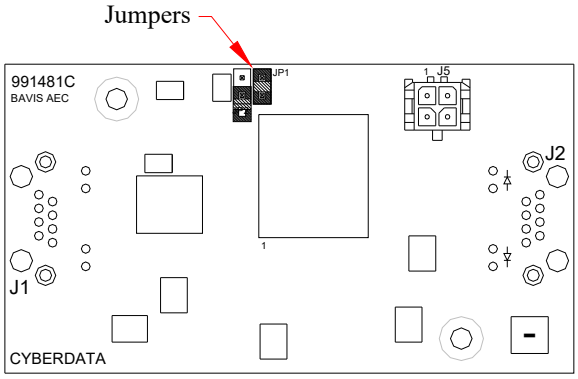
BEAM Configuration Jumpers



Configuration 1
One flash then pause.

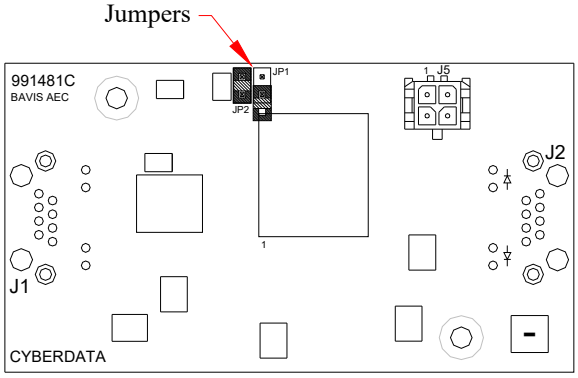
With Plus (+) Sign Sticker:
Bypass - only used for factory calibration. No Magic.

With Minus (-) Sign Sticker:
BavSonic 3/2 Mode



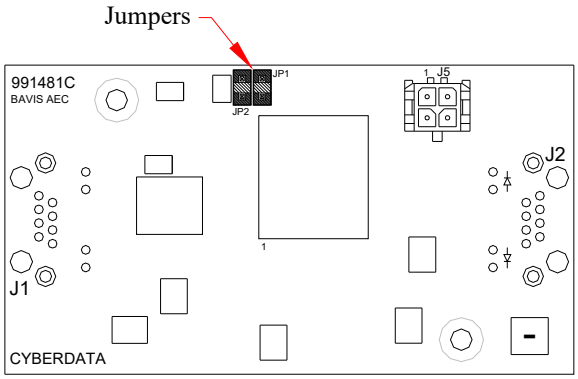
Configuration 2
Two flashes then pause.

Normal - Echo cancellation & noise reduction.



Configuration 3
Three flashes then pause.

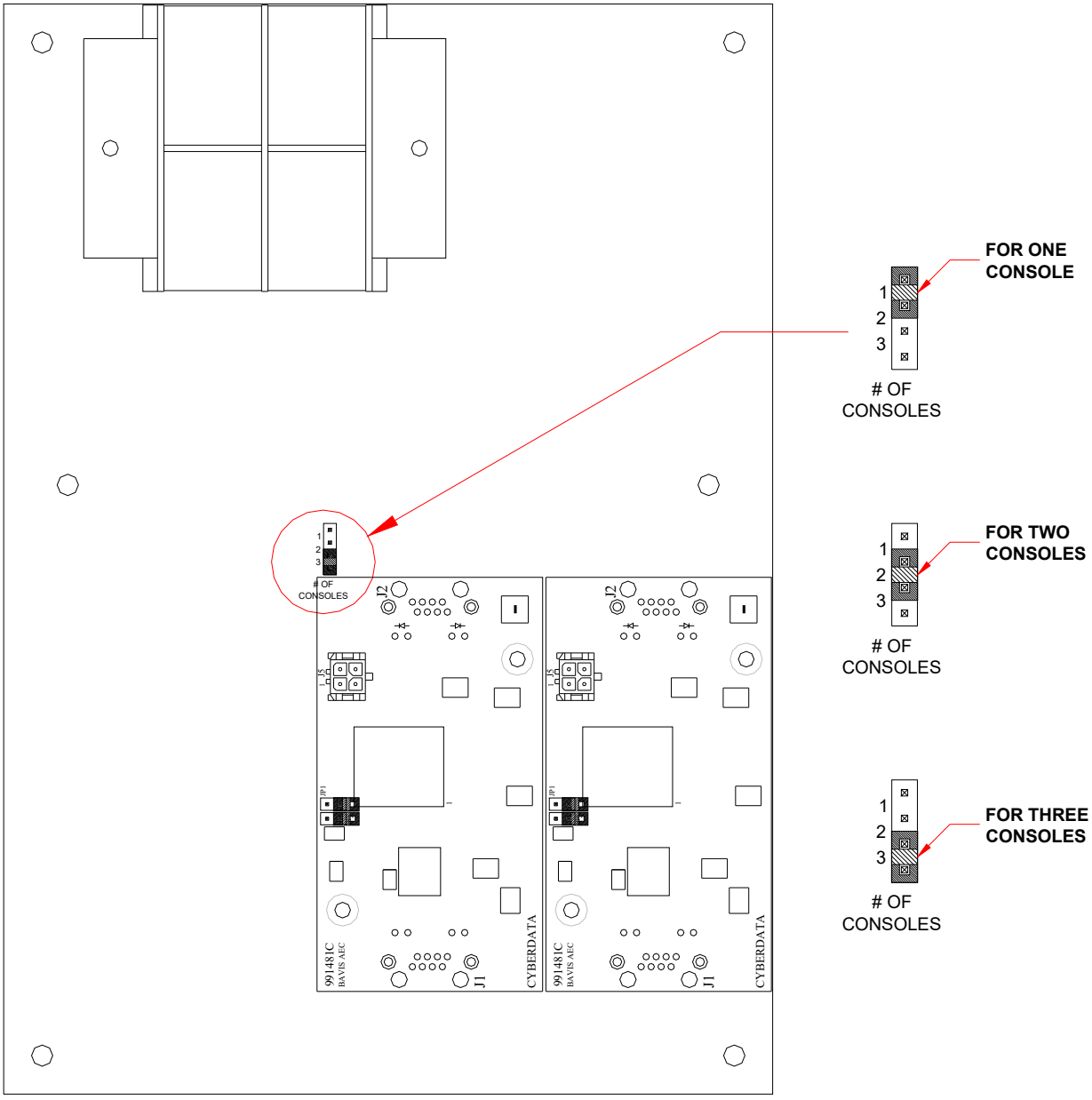
Extra Magic - Echo cancellation, noise reduction & speech boost.



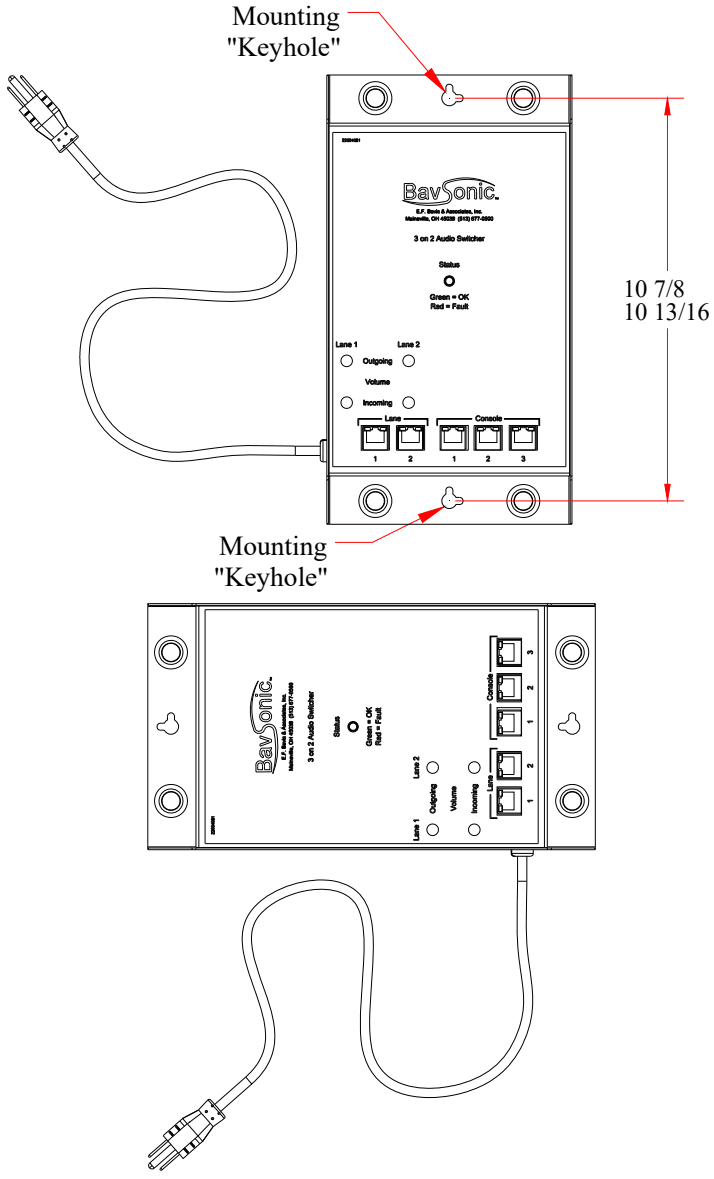
Configuration 4
Four flashes then pause.

Reduced Outgoing Audio - Echo cancellation, noise reduction & low outgoing audio.

Configuring the Audio Switcher for the Number of Consoles



Console and Switcher Mounting

The Console(s) and Switcher assemblies are designed to be placed on a flat, level and stationary surface.

If there is no level surface for the Switcher assembly, it can be mounted to a wall or vertical surface of a cabinet using (2) of a minimum size of #8 screw through the (2) Mounting “Keyholes” of the enclosure’s base. The screws should be long enough that they are threaded into a structural member, like wall studs, cabinet blocking or cabinet structure that will support the 6 lbs. weight of the switcher, plus the weight of the attached cables. If mounting is to be onto “Drywall”, or like surface, use wall anchors with a minimum rating that exceeds this amount. The Switcher can be mounted in either orientation shown below.