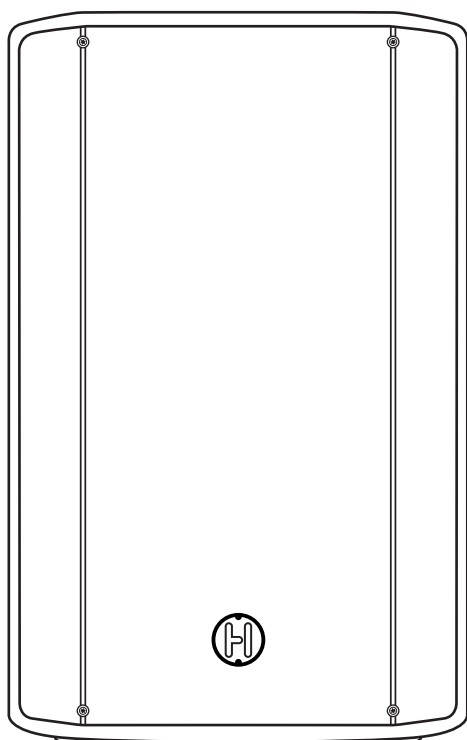


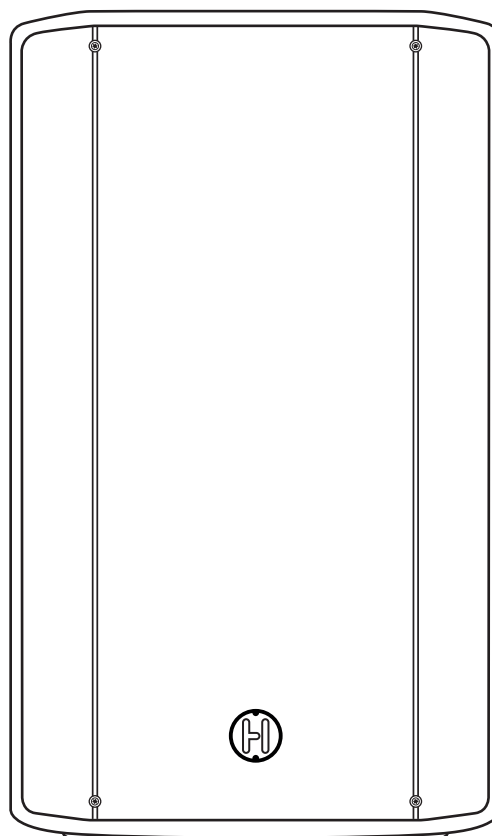


# HARBINGER

## V1100 SERIES OWNER'S MANUAL



V1112



V1115

# VARI

S E R I E S



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## WELCOME

The VARI 1100 Series powered speakers have been designed to deliver high-quality sound reproduction for a range of audio sources, including microphones, line-level devices and Bluetooth audio.

### **V1112 12" 2-way Powered Speaker**

- 12" low-frequency driver, plus high-frequency compression driver
- Bluetooth audio input, mic/line input and 3.5 mm AUX-type input—all available simultaneously
- MIX OUT to share sound to a second speaker or other sound equipment
- Power and Limit LEDs
- Versatile cabinet allowing free-standing, pole-mounted and lay-flat floor monitor placement

### **V1115 15" 2-way Powered Speaker**

- All the same input, output, control and usage capabilities as the V1112
- A larger 15" low-frequency driver, delivering additional volume

### **Also Available from Harbinger**

- VS12 and VS18 subwoofers can bring high-impact low end to your VARI 1100 powered speaker setup
- VARI 2000, 3000 and 4000 series powered speakers are available for a range of uses, with a variety of capabilities, including app control and built-in digital mixing with effects
- LVL series mixers allow you to combine and mix more audio sources to feed your VARI speakers



## IMPORTANT SAFETY INSTRUCTIONS

Please keep this instruction manual for future reference and for the duration of owning the VARI powered loudspeaker. Carefully read and understand the instructions inside this owner's manual before attempting to operate your new powered loudspeaker.

This instruction manual includes essential safety information regarding the use and maintenance of the amplifier. Take special care to heed all warning symbols and signs inside this manual, and those printed on the back of the amplifier's loudspeaker.

### WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE AMPLIFIER TO WATER/MOISTURE, NOR SHOULD YOU OPERATE THE AMPLIFIER NEAR ANY WATER SOURCE.

The exclamation point triangular symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the user manual accompanying the amplifier.


The lightning flash with an arrow triangular symbol is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure, which may be of sufficient magnitude to constitute a risk of electric shock.

### WARNING

Handle the power supply cord with care.

Do not damage or deform it as it may cause electric shock or malfunction when used. Hold the plug attachment when removing from wall outlet. Do not pull on the power cord.

### IMPORTANT SAFETY PRECAUTIONS

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 dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. DO NOT turn on the VARI amplifier module before connecting all other external devices.
8. Do not install near any heat sources, such as radiators, heat registers, stoves or other apparatuses (including amplifiers) that produce 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-type plug has two blades and a third grounding prong. The wide blade or the third prong is 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 attachment/accessories specified by the manufacturer.
12. Use only 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 lightning 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, or if the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

15. POWER SOURCES: This product should be operated only from the type of power source indicated on the rating label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

16. WALL OR CEILING MOUNTING: Consult a licensed, certified professional contractor for the physical installation of this speaker.

17. Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

18. OBJECT AND LIQUID ENTRY: Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.


19. WATER AND MOISTURE: This product should be kept away from direct contact with liquids. The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.

20. Keep the speaker system out of extended or intense direct sunlight.

21. No containers filled with any type of liquid should be placed on or near the speaker system.

22. SERVICING: The user should not attempt any service to the speaker and/or amplifier beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

23. VENTILATION: Slots and openings in the amplifier are provided for ventilation and to ensure reliable operation of the product, and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation, such as a bookcase or rack.

24. Protective earthing terminal: The apparatus should be connected to a main socket outlet with a protective earthing connection. 

25. ACCESSORIES: Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer, or sold with the product.

26. When moving or not using the appliance, secure the power cord (e.g., wrap it with a cable tie). Be careful not to damage the power cord. Before using it again, make sure the power cord has not been damaged. If the power cord has been damaged at all, bring the unit and cord to a qualified service technician for repair or replacement as specified by the manufacturer.


27. LIGHTNING: For added protection during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power line surges.


28. REPLACEMENT PARTS: When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.



## IMPORTANT SAFETY INSTRUCTIONS

To prevent electric shock, do not use a polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

**CAUTION**  
RISK OF  
ELECTRIC SHOCK  
DO NOT OPEN

**AVIS**  
RISQUE DE CHOC  
ELECTRIQUE NE  
PAS OUVRIR



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE UNIT.



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.

### HEARING DAMAGE AND PROLONGED EXPOSURE TO EXCESSIVE SPLs

Harbinger VARI Series powered loudspeakers are capable of producing extremely loud volume levels that can cause permanent hearing damage to performers, production crews or the audience. Hearing protection is recommended during long-term exposure to high SPLs (sound pressure levels).

Remember, if it hurts, it is definitely too loud. Long-term exposure to high SPLs first causes temporary threshold shifts; limiting your ability to hear the actual loudness and exercise good judgment. Repeated long-term exposure to high SPLs will cause permanent hearing loss.

Please note the recommended exposure limits in the accompanying table. More information about these limits is available on the U.S. government Occupational Safety and Health (OSHA) website at: [osha.gov](http://osha.gov).

### Permissible Noise Exposures (1)

Duration per day, hours	Sound level dBA, slow response
8	90
6	92
4	95
3	97
2	100
1.5	102
1	105
0.5	110
0.25 or less	115

## FCC STATEMENTS

1. Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful

interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



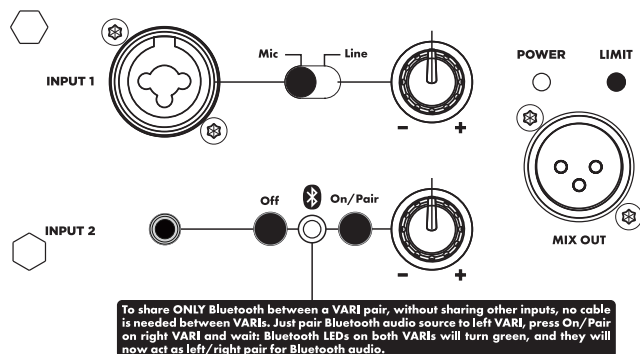
## CONTROLS AND OPERATION

### SET UP

- Position your VARI in the desired location and ensure it is stable
- Make sure the power switch is off
- Turn INPUT 1 and INPUT 2 knobs to minimum

### MAKE CONNECTIONS

- Connect sources to INPUT 1 and INPUT 2 jacks as desired (Note: All these input jacks can be used at once, along with Bluetooth audio input)



### CHECK SWITCHES

Check that INPUT 1 switch matches source:

- Mic for microphones or audio sources with low output volumes
- Line for mixers, keyboards and other electronics, such as guitar multi-effects

### POWER UP AND SET LEVELS

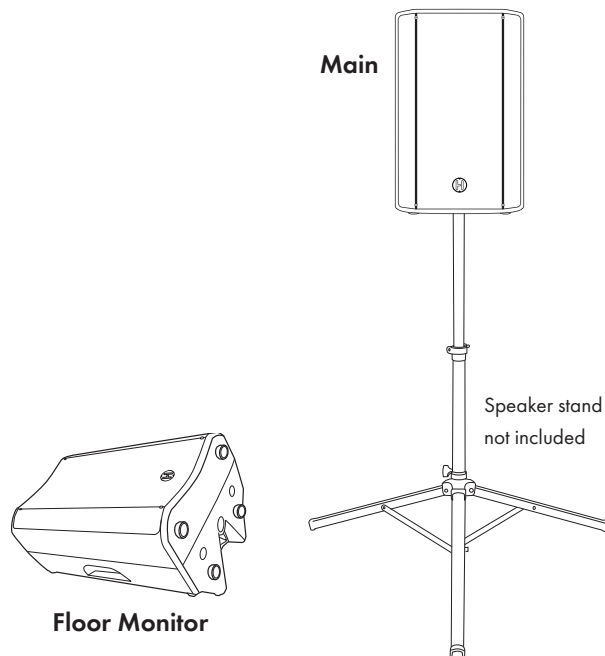
- Power on any devices connected to input jacks
- Power on your VARI
- Turn up the output volume of all sources connected to VARI inputs
- Turn INPUT 1 and INPUT 2 knobs to desired levels

### BLUETOOTH AUDIO INPUT

- Press On/Pair button so blue LED flashes
- On your Bluetooth audio source device, look for V1112 or V1115, and select it to pair

### BLUETOOTH STEREO WITH A PAIR OF VARI V1112 OR V1115 SPEAKERS

- Start with Bluetooth Off on both VARIs
- Pair Bluetooth to left speaker as described above
- Press On/Pair on second VARI and wait until Bluetooth LEDs on both VARIs turn green
- Set INPUT 2 knob to match on both VARIs



### POWER LED

- There is a Power LED on the rear panel
- This LED will be lit white while your VARI is powered on

### LIMIT LEDs

- There is a Limit LED on the rear panel and at the bottom of the front grille
- These will be lit red when the volume from the speaker is too high
- Excess input volume (illuminating the red Limit LED) can cause distorted sound and potentially damage your VARI
- If Limit LEDs are red, turn down knobs until they are not lighting up

### MIX OUT

- You can send the same audio that your VARI is amplifying to another VARI or other device using the Mix Out jack
- If connecting to another V1112 or V1115, connect to that INPUT 1 and set its switch to Line

## BLUETOOTH TROUBLESHOOTING

These steps should resolve any Bluetooth audio trouble you may encounter:

### FOR APPLE iOS DEVICE

1. Power off the V1112 or V1115, and leave it off.
2. On your Apple iOS device:
  - Open Settings app, select Bluetooth
  - If V1112 or V1115 is listed under MY DEVICES, touch info button, tap "Forget This Device"
  - Turn off Bluetooth, wait 10 seconds, turn on Bluetooth
3. Power on your V1112 or V1115, and press On/Pair button so Bluetooth LED flashes.
4. You should now be able to connect to V1112 or V1115 via Bluetooth.

### FOR ANDROID DEVICE

1. Power off the V1112 or V1115, and leave it off.
2. On your Android device:
  - Open Settings, select Bluetooth
  - If V1112 or V1115 is listed under Paired Devices, touch gear icon, and tap "Unpair"
  - Turn off Bluetooth, wait 10 seconds, turn on Bluetooth
3. Power on your V1112 or V1115, and touch On/Pair button so Bluetooth LED flashes.
4. You should now be able to connect to V1112 or V1115 via Bluetooth.



## SPECIFICATIONS

HARBINGER VARI Series		V1112	V1115
Amplifier	Limiter	For system protection at maximum volume	For system protection at maximum volume
	Input 1	XLR balanced/unbalanced compatible audio input with Mic/Line Switch and Input Gain Control	XLR balanced/unbalanced compatible audio input with Mic/Line Switch and Input Gain Control
	Input 2	3.5 mm mini TS unbalanced input (–10dBV) On/Pair and Off buttons, plus LED for Bluetooth audio Input Gain Control	3.5 mm mini TS unbalanced input (–10dBV) On/Pair and Off buttons, plus LED for Bluetooth audio Input Gain Control
	Mix Out Jack	XLR balanced +4dBu audio output	XLR balanced +4dBu audio output
	Power Output	150W RMS 600W Peak	150W RMS 600W Peak
	Power Input	110–120V, 220–240V, 50–60Hz	110–120V, 220–240V, 50–60Hz
	Fuse Type	T4AL250V/Φ5.2*20mm	T4AL250V/Φ5.2*20mm
	Other Features	Removable AC power cord Front and rear LEDs indicate limiting Rear LED indicates power	Removable AC power cord Front and rear LEDs indicate limiting Rear LED indicates power
Speaker	Type	12" 2-way ported design	15" 2-way ported design
	Frequency Response	55Hz–20kHz	50Hz–20kHz
	Max SPL@1M	124dB	125dB
	HF Driver	Compression driver, 8 ohm	Compression driver, 8 ohm
	LF Driver	12" driver, 4 ohm	15" driver, 4 ohm
	Dispersion	Horizontal dispersion: 85° Vertical dispersion: 55°	Horizontal dispersion: 85° Vertical dispersion: 55°
	Cabinet	Polypropylene	Polypropylene
	Grille	0.8 mm steel	0.8 mm steel
	Pole Mount	35 mm stand pole with M6 screw	35 mm stand pole with M6 screw
Dimensions and Weights	Product Dimensions	15.2" x 13.7" x 23.5"	18" x 16.5" x 27.8"
	Packaging Size	17.9" x 16.9" x 27.2"	21.1" x 19.3" x 31.1"
	Net Weight	34.2 lb.	42.3 lb.
	Gross Weight	40.2 lb.	52.3 lb.



## WARRANTY/CUSTOMER SUPPORT

### 2-YEAR HARBINGER LIMITED WARRANTY

Harbinger provides, to the original purchaser, a two-year limited warranty on materials and workmanship on all Harbinger cabinets, loudspeaker and amplifier components from the date of purchase.

For warranty support, please visit our website at **HarbingerProAudio.com**, or contact our Support Team at **888-286-1809** for assistance. Harbinger will repair or replace the unit at Harbinger's discretion.

This warranty does not cover service or parts to repair damage caused by neglect, abuse, normal wear and tear, and cosmetic appearance to the cabinetry not directly attributed to defects in materials or workmanship. Also excluded from coverage are damages caused directly or indirectly due to any service, repair(s) or modifications of the cabinet, which has not been authorized or approved by Harbinger. This two-year warranty does not cover service or parts to repair damage caused by accident, disaster, misuse, abuse, burnt voice coils, overpowering, negligence, inadequate packing or inadequate shipping procedures.

The sole and exclusive remedy of the foregoing limited warranty shall be limited to the repair or replacement of any defective or non-conforming component. All warranties, including, but not limited to, the express warranty, and the implied warranties of merchantability and fitness for a particular purpose, are limited to the two-year warranty period. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. There are no express warranties beyond those stated here. In the event that applicable law does not allow the limitation of the duration of the implied warranties to the warranty period, then the duration of the implied warranties shall be limited to as long as is provided by applicable law. No warranties apply after that period.

Retailer and manufacturer shall not be liable for damages based upon inconvenience, loss of use of product, loss of time, interrupted operation or commercial loss, or any other incidental or consequential damages, including, but not limited to, lost profits, downtime, goodwill, damage to, or replacement of, equipment and property, and any costs of recovering, reprogramming, or reproducing any program or data stored in equipment that is used with Harbinger products. This guarantee gives you specific legal rights; you may have other legal rights, which vary from state to state.

Harbinger  
P.O. Box 5111, Thousand Oaks, CA 91359-5111

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