

# PULSE

## **APS Series** Active Speakers

**APS8A, APS10A, APS12A, APS15A**





Caution: Please read this manual carefully before operating  
Damage caused by misuse is not covered by the warranty

## Introduction

Thank you for choosing this Pulse APS series active speaker cabinet. Please read this manual prior to use to avoid damage through misuse.

## Package Contents

Please check the contents to ensure that the product has been received in good condition.

If you find any accessory is missing or the product has arrived with any problems, please contact your retailer at once.

- APS active ABS speaker unit
- Mains power lead

This product contains no user-serviceable parts so make no attempt to try to fix or modify this item yourself as this will invalidate the warranty. We recommend you keep the original package and proof of purchase for any possible replacement or returned demand.

## Warning

To prevent the risk of fire or electric shock, do not expose this appliance to rain or moisture.

To prevent electric shock do not remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

## Safety

Prior to connecting mains, check the supply voltage is correct and the mains lead is OK.

Avoid ingress of water or particles into the enclosure.

If the mains or D.C. fuse blows, refer the unit to qualified service personnel

## Placement

Keep the unit out of direct sunlight and away from heat sources.

Place the unit in an upright position during use and storage.

Keep the unit away from moisture or dusty environments.

## Cleaning

Use a soft cloth with a neutral detergent to clean the cabinet, panel and controls.

To avoid damage, do not use solvents to clean this equipment.

## Operation

Connect the Pulse APS active speaker to the mains using the appropriate mains IEC lead supplied.

With the VOLUME controls down (anti-clockwise), turn the POWER switch on.

BASS and TREBLE controls should remain pointing vertically (12-o'clock position).

A 6.3mm jack or XLR line input is provided to connect a line input. This can accept balanced or unbalanced line level signal.

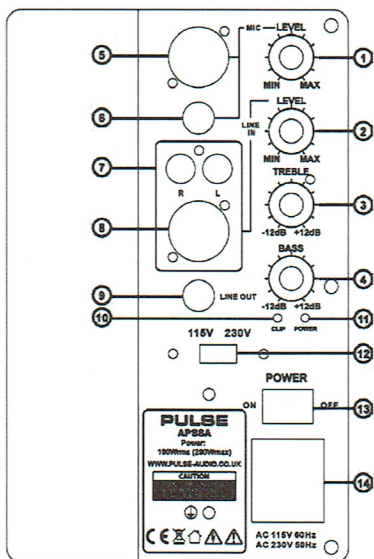
Tone shaping is available by adjusting the BASS and TREBLE controls and master level is governed by the VOLUME rotary control.

A line level output can be used to link onto other equipment via the OUTPUT XLR connector.

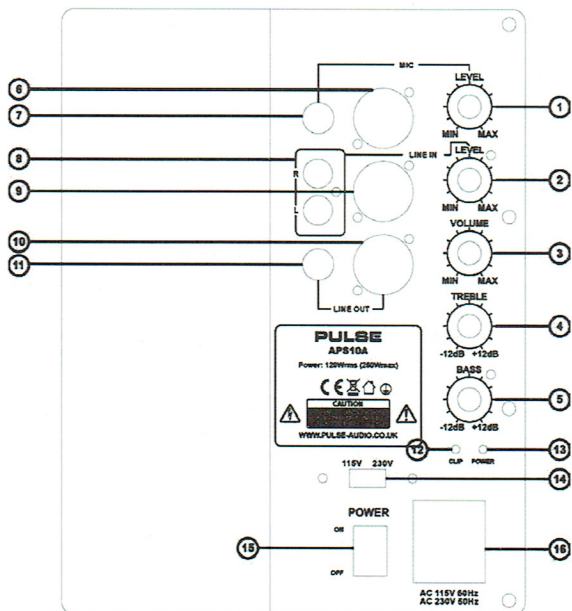
Ensure that volume controls are turned down before powering down and unplug from the mains when not in use for long periods.

## Control

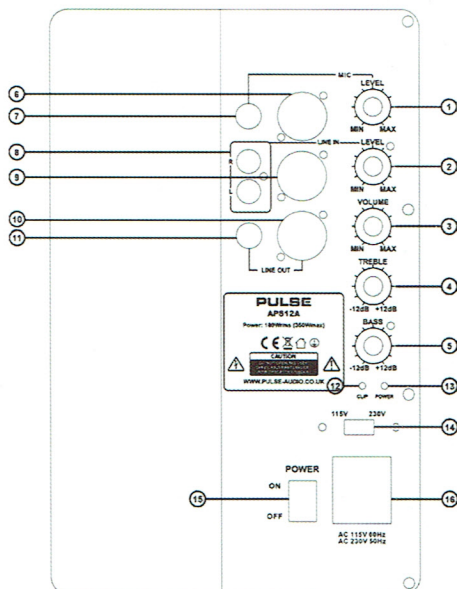
	APS8A
1	Mic input volume control
2	Line input volume control
3	Treble EQ control
4	Bass EQ control
5	XLR mic input
6	Jack mic input
7	Line input (RCA)
8	Line input (XLR)
9	Line output (jack)
10	Clip LED indicator
11	Power on indicator
12	Mains voltage selector
13	Mains power switch
14	Mains inlet and fuse



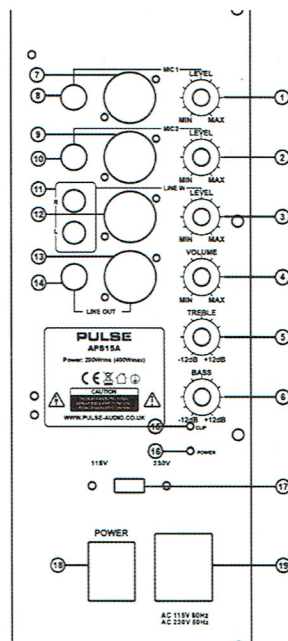
	APS10A
1	Mic input volume control
2	Line input volume control
3	Master volume control
4	Treble EQ control
5	Bass EQ control
6	Mic input (XLR)
7	Mic Input (Jack)
8	Line input (RCA)
9	Line input (XLR)
10	Line input (XLR)
11	Line output (Jack)
12	Clip LED indicator
13	Power on indicator
14	Mains voltage selector
15	Mains power switch
16	Mains inlet and fuse



	APS12A
1	Mic input volume control
2	Line input volume control
3	Master volume control
4	Treble EQ control
5	Bass EQ control
6	Mic input (XLR)
7	Mic Input (Jack)
8	Line input (RCA)
9	Line input (XLR)
10	Line output (XLR)
11	Line output (Jack)
12	Clip LED indicator
13	Power on indicator
14	Mains voltage selector
15	Mains power switch
16	Mains inlet and fuse



	APS15A
1	Mic 1 input volume control
2	Mic 2 input volume control
3	Line input volume control
4	Master volume control
5	Treble EQ control
6	Bass EQ control
7	Mic input (XLR)
8	Mic input (Jack)
9	Mic input (XLR)
10	Mic input (Jack)
11	Line input (RCA)
12	Line input (XLR)
13	Line output (XLR)
14	Line output (Jack)
15	Clip LED indicator
16	Power on indicator
17	Mains voltage selector
18	Mains power switch
19	Mains inlet and fuse



## Specifications

	APS8A	APS10A
Power supply	115Vac / 230Vac, 50/60Hz	
Main driver	200mm (8")	250mm (10")
HF unit	25mm titanium compression driver	34mm titanium compression driver
Driver Magnet	30 oz	40 oz
Voice Coil	1.5"KSV	2"KSV
Frequency Response	65Hz - 18kHz (-10dB)	55Hz - 18kHz (-10dB)
Sensitivity	92dB	94dB
Impedance	4 ohms	4 ohms
Output Power rms	100W	120W
Amplifier Power rms	80W	100W
Dimensions	480 x 340 x 280mm	555 x 410 x 325mm
Weight	7.5kg	10.5kg
	APS12A	APS15A
Power supply	115Vac / 230Vac, 50/60Hz	
Main driver	300mm (12")	380mm (15")
HF unit	34mm titanium compression driver	44mm titanium compression driver
Driver Magnet	50 oz	60 oz
Voice Coil	2.5"KSV	3"KSV
Frequency Response	50Hz - 18kHz (-10dB)	40Hz - 18kHz (-10dB)
Sensitivity	96dB	98dB
Impedance	4 ohms	4 ohms
Output Power rms	180W	200W
Amplifier Power rms	150W	180W
Dimensions	664 x 465 x 375mm	760 x 530 x 465mm
Weight	17kg	22kg

## Troubleshooting

No output and no LEDs lit	Check POWER switch is on
	Check mains lead is connected
	Check mains fuse hasn't blown
Power LED lit but no sound from external inputs	Check leads are OK and connected properly
	Check volume and on/off switch on external mic or line source
	Check VOLUME control is not fully down



**Disposal:** The "Crossed Wheeled Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

Errors and omissions excepted.  
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