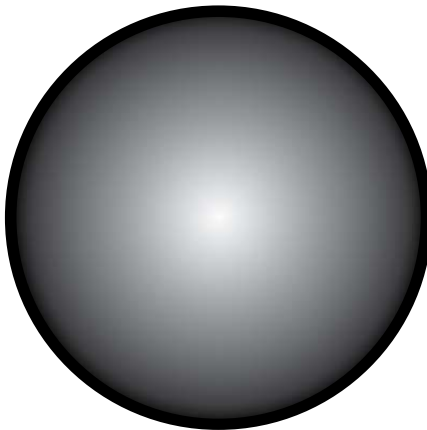
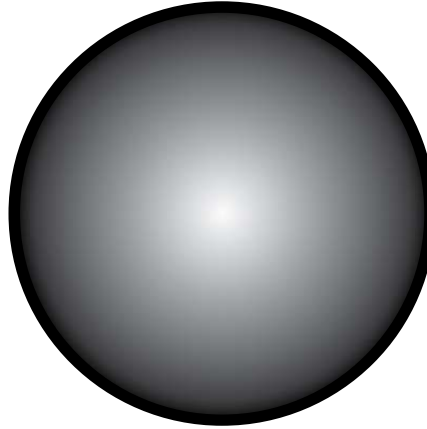
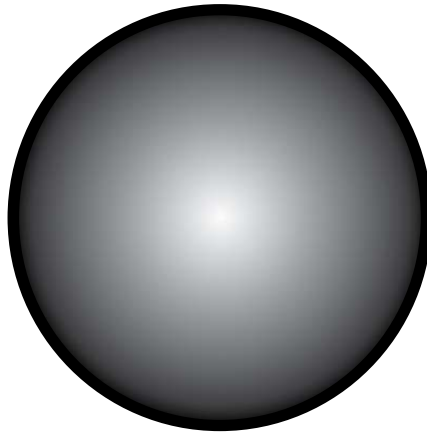
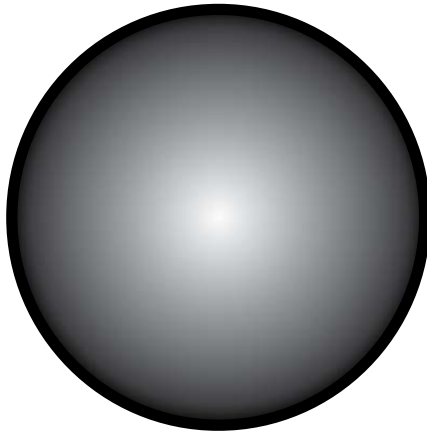
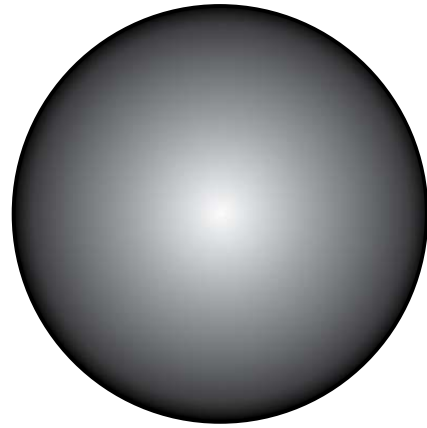


OWNER'S MANUAL
IMPULSE t SERIES



VOID

OWNER'S MANUAL

IMPULSE t SERIES



Features

- ▲ Close tolerance and durable components provide increased reliability and greater output.
- ▲ Accurately machined 15 laminate birch plywood cabinets for superior strength.
- ▲ Internal Powerdrive type 100 wall bracket mounting plate.
- ▲ Full Range passive or 2 way Active mode switch on Impulse 4t
- ▲ Built in Electronic protection device for the HF/MF drivers.
- ▲ Multi point Aero track for fast and accurate flying.
- ▲ Wide and flat frequency response for unparalleled sound quality.
- ▲ Handle cover plates and rotatable Logos.
- ▲ Tough kick proof grills with foam filters protect the components from the heaviest of abuse.
- ▲ Three year warranty and guarantee.

System Connections

Impulse 5t/8t use pins +1 / -1 for their input. Impulse 4t is wired +1 / -1 when used in full range passive mode and +1 / -1 for the LF section and +2 / -2 for the HF section when used in 2 way active mode. Impulse 3t is wired +1 / -1 for the LF section and +2 / -2 for the MHF section. **Please make sure the rear panel switch is set for the correct operating mode.** The switch to change operating modes can be found above the input speakons on the rear panel

All Impulse t series speakon connectors are wired in parallel, so either speakon can be used as the input. The other speakon can be used as a link output. A positive signal to the + pin gives a forward cone movement on all Impulse t enclosures.

Notes

Impulse 3t/4t feature a rotatable HF/MHF horn that allows the cabinet to be used in either vertical or horizontal positions. To change the dispersion first loosen the screws that hold the grill in place. Remove the grill and undo the screws holding the HF horn in place. Rotate the HF horn by 90 degrees and replace the screws that hold it in place. Attach the grill and tighten the screws that hold it in place.

The HF/MHF horn on Impulse 3t and 4t are factory aligned for vertical cabinet positioning.

The Logos on Impulse 3t/4t are spring loaded and rotatable. This allows the logo to be displayed upright when the cabinet is used in either vertical or horizontal positions. The handle cover plates can be attached with the supplied screws if the handles are not required.

Precautions

Please consider the following precautions during use :

1. Install Impulse t series enclosures in a dry environment, do not expose the cabinets to rain or moisture.
2. When flying or mounting Impulse 3t or 4t enclosures ensure safe working practices and follow the recommended rigging guidelines.
3. Impulse series enclosures contain very powerful magnets. Do not locate an enclosure near any sensitive equipment such as; VDU monitors, CRT TV's or high gain preamplifiers.

TECHNICAL SPECIFICATIONS

	Impulse 3t	Impulse 4t
Frequency Response :	60 Hz - 21 KHz -3dB	65 Hz - 20 KHz -3dB
Sensitivity :	LF : 98 dB 1w/1m MHF : 106 dB 1w/1m	101 dB 1w/1m
Impedance :	LF/MHF 8 ohms	LF/HF 8 ohms
Power Handling :	LF : 500 watts rms MHF : 300 watts rms	500 watts rms
Maximum Output :	128 dB cont 131 dB peak	127 dB cont 130 dB peak
Dispersion :	60 h x 35 v	90 h x 50 v rotatable
Crossover Point :	800 Hz active 2.8 KHz passive	1.4 KHz active 1.4 KHz passive
Driver Configuration :	1 x 12" : 1 x 6.5" : 1 x 1" neo	1 x 12" : 1 x 1.5" neo
Protection :	MF/HF - Electronic device	HF - Electronic device
Rigging, Mounting :	4 x Aero track : 1 x top hat 1 x Powerdrive type 100 plate	3 x Aero track : 1 x top hat 1 x Powerdrive type 100 plate
Construction :	18 mm 15 laminate birch	18 mm 15 laminate birch
Finish :	Textured polyurethane	Textured polyurethane
Grill :	Perforated steel - foam filter	Perforated steel - foam filter
Connectors :	2 x 4 pole speakon	2 x 4 pole speakon
Dimensions :	468 mm wide 760 mm high 430 mm deep	370 mm wide 620 mm high 375 mm deep
Weight :	38.0 Kg net 43.6 Kg shipping	29.0 Kg net 32.3 Kg shipping

TECHNICAL SPECIFICATIONS

	Impulse 5t	Impulse 8t
Frequency Response :	55 Hz - 165 Hz -3dB	45 Hz - 145 Hz -3dB
Sensitivity :	105 dB 1w/1m	106 dB 1w/1m
Impedance :	4 ohms	4 ohms
Power Handling :	1200 watts rms	1600 watts rms
Maximum Output :	135 dB cont 138 dB peak	138 dB cont 142 dB peak
Dispersion :	Omni	Omni
Crossover Point :	80 - 140 Hz active	80 - 140 Hz active
Driver Configuration :	2 x 15"	2 x 18"
Protection :	N/A	N/A
Rigging, Mounting :	N/A	N/A
Construction :	18 mm 15 laminate birch	18 mm 15 laminate birch
Finish :	Textured polyurethane	Textured polyurethane
Grill :	Perforated steel - foam filter	Perforated steel - foam filter
Connectors :	2 x 4 pole speakon	2 x 4 pole speakon
Dimensions :	1150 mm wide 536 mm high 710 mm deep	1200 mm wide 636 mm high 820 mm deep
Weight :	100.0 Kg net 113.4 Kg shipping	131.0 Kg net 142.8 Kg shipping