

IMPACT SERIES

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IMPACT 50

COMPACT FULL-RANGE LOUDSPEAKER

The IMPACT series of full-range, passive loudspeakers has been designed to be used in a variety of installed sound system applications ranging from discotheques, clubs and wine bars to theatres, themed environments and places of worship. In addition, thanks to its elegant styling and practical durability, IMPACT is ideal for many mobile sound system applications.

FEATURES

- Injection Moulded Enclosure
- 100 Watt Power Rating
- Full Range Response

The IMPACT 50 is a compact 2-way passive enclosure featuring a custom reflex-loaded 5¹/₄" LF driver and a 0.5" liquid-cooled HF tweeter, matched with an internal fourth order passive crossover network, for use in background music applications from bars and restaurants to retail shopping malls. It provides high quality sound reproduction from a compact and attractively styled injection-moulded enclosure..

The IMPACT 50 can also be used with the IMPACT 110 compact sub-bass enclo-

sure to extend low frequency response in certain applications requiring wide bandwidth response. The IMPACT 110 provides left and right stereo inputs and outputs in a single sub-bass unit by utilising a dual-coil low frequency driver. An internal passive crossover network routes mid and high frequencies to the IMPACT 50 satellite loudspeakers. Connection to the IMPACT 50 is

APPLICATIONS

- Theatre and Nightclubs
- Themed Environments
- Retail Shops

via spring-loaded push terminals for simple and reliable hook-up.

The IMPACT 50 is also optionally available with a high quality internal line input transformer with multiple power taps, allowing the unit to be used in multiple-speaker distributed sound systems.

A universal mounting bracket is supplied to enable the IMPACT 50 loudspeaker to be fixed to walls and ceilings in a variety of permanently installed sound reinforcement applications.

**TECHNICAL
SPECIFICATIONS**

Type	2-way passive vented box	
Dimensions (HxWxD)	288mm x 167mm x 148mm (11 ³ / ₈ " x 6 ¹ / ₂ " x 5 ⁷ / ₈ ")	
Weight	2.2kg (4.8lbs)	
Components	1 x 133mm (5 ¹ / ₄) LF driver 1 x 14mm (1 ¹ / ₂) liquid-cooled HF tweeter	
Frequency Response	80Hz to 20kHz @±4dB	
Power handling	100 Watts r.m.s., (200 Watts program)	
Sensitivity	91dB SPL, 1Watt @ 1metre	
Maximum SPL	111dB (cont.), 117dB (peak)	
Crossover	Built in passive crossover network at 4kHz	
Impedance	16 Ohms nominal	
Finish	Injection moulded enclosure, textured finish, TurboBlue	
Grille	Black powder-coated perforated steel grille	
Connectors	Spring-loaded push terminals	
Options	Optional colours available: White, Mid Grey, Black Internal 70 volt line transformer (IMPACT 50T), magnetically shielded (IMPACT 50S)	
Spares and Accessories	WB-50	Universal wall and ceiling bracket
	LS-50	LF driver for IMPACT 50
	RC-50	Recone kit for LS-50
	TW-50	HF tweeter for IMPACT 50
	RD-50	Replacement diaphragm for TW-50
	PX-50	Passive crossover for IMPACT 50
	MG-50	Metal grille for IMPACT 50
	TX-50	70 volt line transformer



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