



TH-Series BASS SPEAKER CABINETS MANUAL



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This symbol, found on your product or on its packaging, indicates that this product should not be treated as household waste when you wish to dispose of it. Instead, it should be handed over to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate disposal of this product. The recycling of materials will help to conserve natural resources. For more detailed information about the recycling of this product, please contact your local city office, household waste disposal service or the retail store where you purchased this product.



RoHS

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TH-410

TH-1210

TH-1510

TH-212

DESIGNED BY MUSICIANS FOR MUSICIANS

SPECIFICATIONS

TYPE	TH-212	TH-1510	TH-410	TH-1210
Power Handling RMS	600W/2x300W	500W/2x250W	1000W/2x500W	600W/2x300W
Impedance	4ohm/2x8ohm	4ohm/2x8ohm	4ohm/2x8ohm	4ohm/2x8ohm
Sensitivity (1W/1m)	100dB	99dB	103dB	102dB
Configuration	two way			
LF - Speakers	2x12" Neodimium	1x15"+1x10" Neodimium	4x10" Neodimium	1x12"+2x10" Neo + Ferrite
HF - Speakers	compression driver	compression driver	ceramic tweeter	ceramic tweeter
HF - Control	HORN level switch 100 - 60% - OFF			
Connectors	SPEAKON JACK	SPEAKON JACK	SPEAKON JACK	SPEAKON JACK
Dimensions: H W D	740mm 520mm 405mm	740mm 520mm 405mm	885mm 520mm 405mm	885mm 520mm 405mm
Weight	27kg	27kg	32.5kg	32,5kg
Cover	polyurethane-hybrid elastomer			

TERMINAL

4ohm output in MONO mode
(all speakers works)

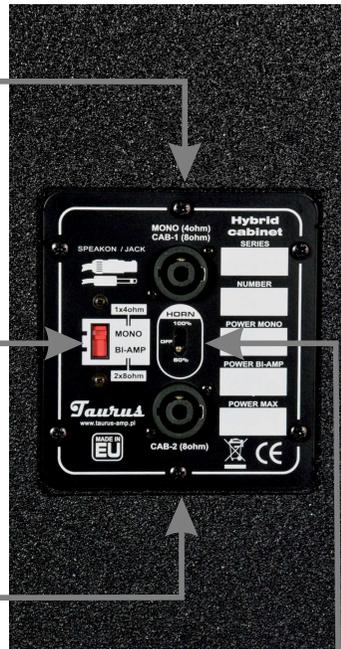
8ohm output in BI-AMP mode
(top section of the speakers works)

Speakers Mode Selector

- MONO mode - standard configuration for connecting all speakers to one amplifier.
- BI-AMP mode - each speaker section can be connected separately. In this mode, two separate amplifiers can be connected with the cabinet or use only one selected cabinet's section with one amplifier. The BI-AMP option can also be used in semi-STEREO mode. The operating mode switch gives an additional option of changing the cabinet's impedance.
 - in mono mode one 4 ohm output
 - in Bi-AMP mode two 8 ohm outputs

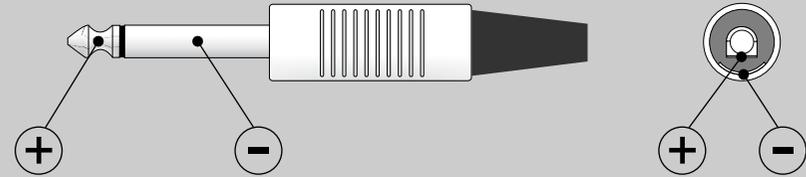
8ohm input of the bottom speakers section - active in BI-AMP mode only.

Tweeter volume level selector:
100% , 60%, OFF.

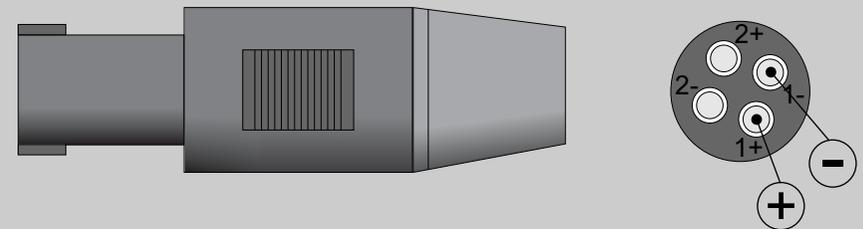


CONNECTORS

JACK MONO



SPEAKON



PHASE

When connecting speakers with amplifiers one should always make sure that left and right speakers are not crossed in phase which means that the positive and negative signals are not swapped over in any of the speakers. Phase mismatch results with worse quality of low frequencies and wrong stereo image.

PRECAUTIONS

- RMS power of the amplifier should not be higher than speaker's RMS power assuming that impedances of both are equal.
- Never overload the power AMP.
- Do not connect DC sources to the speakers.
- Do not place the speakers close to TV sets, PC monitors, magnetic tapes and disks, etc.
- Protect speakers from water and high humidity.