

SAFETY INFORMATION

Before you use this TW AUDIO product, read the manual carefully.

Loudspeakers can be checked and stamped according to BGV C1 by official departments. For more information contact TW AUDIO at info@twaudio.com or +49 (0) 71 41 - 48 89 89 0

GENERAL

VERA L24 is low-mid extension bass reflex horn design loudspeaker equipped with two 12" drivers.

VERA L24 as default is available in black colour and polyurea coating. Any different RAL colour can be requested, but only in warnex structure paint.

VERA L24 is designed to be driven with a DSP equipped amplifier. TW AUDIO provides presets for the Powersoft K3DSP AESOP or LAB PLM system amplifiers. As an external controller for other amps it's recommended to use the LAKE LM26 or LM44.

VERA L24 always requires a dedicated preset loaded on the amplifier/controller. Do never use the VERA L24 without this preset. Always be aware to have the correct preset loaded on your system amplifier before connecting the loudspeaker. Ensure that the internal connections in the amplifier rack are identical to shown on Fig 3.

VERA L24 is fed from PIN2 on NL4 speakON connector. Choose the right output on APL4/amplifier depending on which amp channel L24 preset is loaded.

COMBINATION WITH OTHER PRODUCTS

VERA L24 can be used with any TW AUDIO full-range or subwoofers products.

Be sure about proper time alignment.

Use EASE FOCUS 2 to find the best acoustical response.

ACCESSORIES

Rigging hardware lets VERA L24 to be combined together with VERA10 to one array. VERA L24 can be located on the top as well as on the bottom of array.

VERA L24 can be flown (RF300), ground-stacked (GF10).

Please see system examples papers on www.twaudio.com for system combinations and setup examples.

If you have any questions about your product don't hesitate to contact TW AUDIO on support@twaudio.com or by phone +49 (0) 71 41 - 48 89 89 56

L24		
Frequency range	[Hz]	63 - 400
Power pgm/peak	[W]	1300 / 2600
Impedance	[Ohm]	8
Sensitivity	[dB]	102
max SPL	[dB]	135
Dimensions	[mm]	550x500x560
Weight	[kg]	30,7

FIG 1. PRESETS / REFERED TO PRESETLIST A03

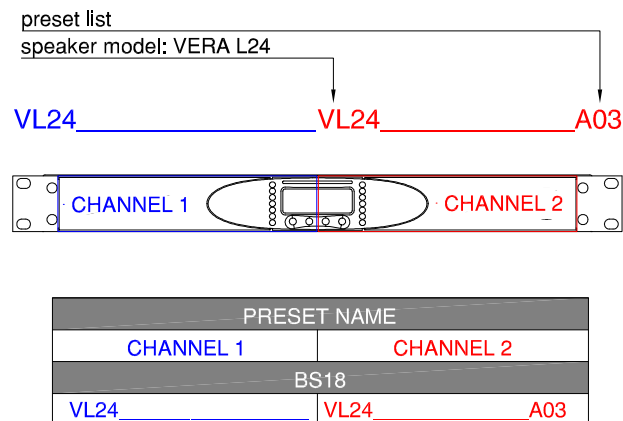
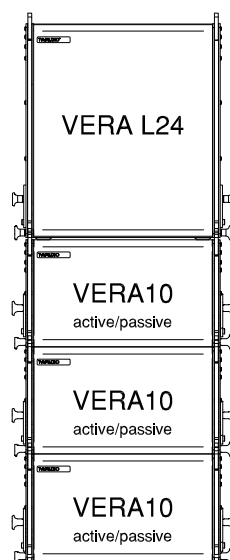


FIG 2. VERA L24 in combination with VERA10



for typical live-music application it is recommended to use VERA L24 with VERA10 in ratio 1:3 (1x VERA L24 to 3x VERA10)

FIG 3. APL4-K AMPLIFIER RACK

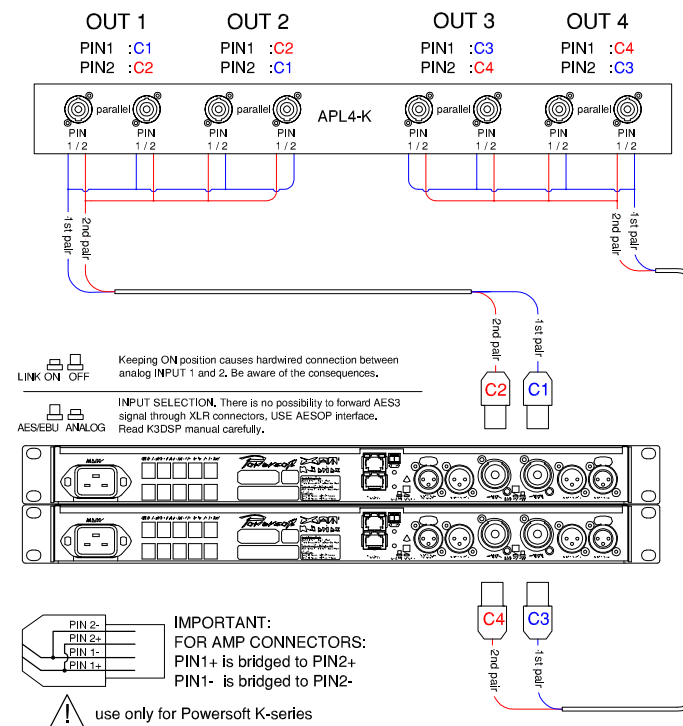


FIG 4. INTERNAL WIRING DIAGRAM

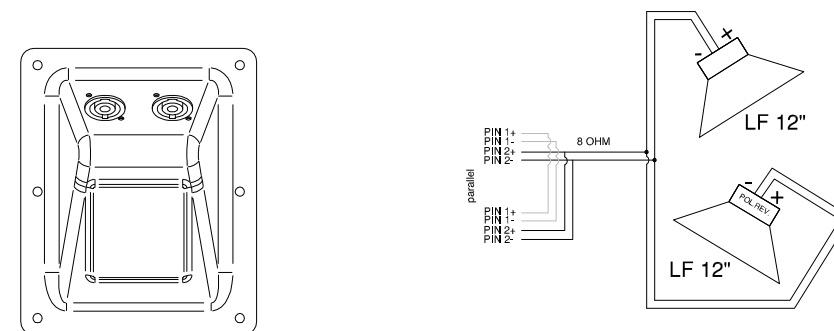
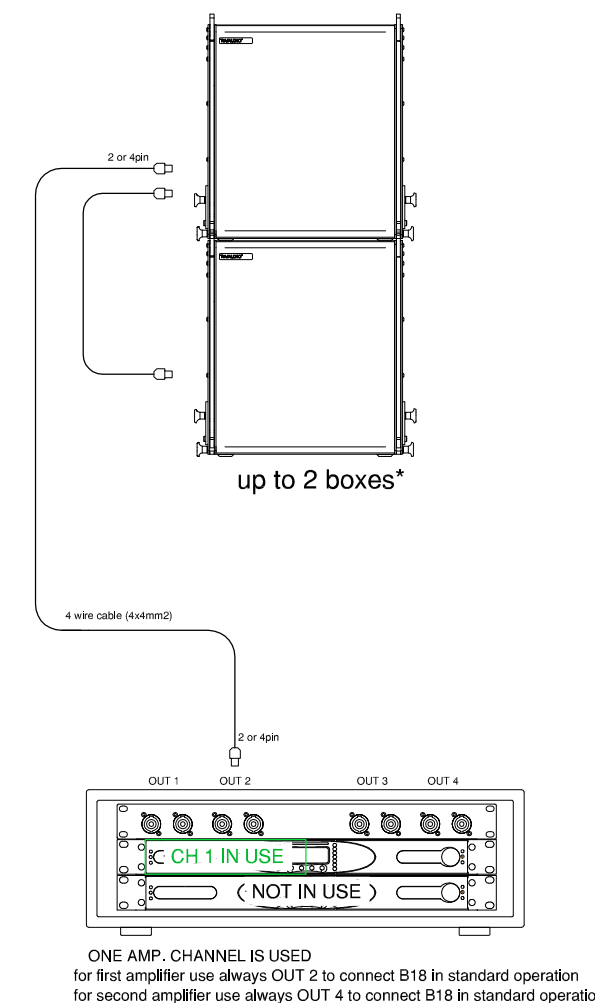


FIG 5. VERA L24 - CONNECTION TO AMPLIFIER SYSTEM



NOTE:

- for long term high SPL requirements drive two L24 on one POWERSOFT K3DSP (4 OHM operation)
- for lower SPL requirements, it is possible to drive 3 on POWERSOFT K3DSP(2,6 OHM operation)

When L24 is combined in one array with VERA10 it is strongly recommended to use L24 driven by nominal power for the best possible headroom.