

TOMFEREDAY X PITT & GIBLIN

CAST

Four marine grade aluminium castings house four loudspeaker elements.

A high frequency driver plays into a large circular waveguide. The titanium diaphragm plays from 1kHz and provides even high frequency coverage across the listening area and room to 20kHz.

Behind it is four 4" midrange drivers housed in a sealed plywood enclosure. The response is tightly controlled using Hypex nCore amplifiers and digital signal processing, and their output is vented in a controlled manner using both absorptive materials and physical alignment.

The main body of the cabinet provides volume for a large rear firing 10" subwoofer.

A 3-way digital amplifier and signal processing module is housed in the stand and provides simple control and a selection of audio inputs to suit any configuration.



3-WAY ACTIVE LOUDSPEAKER

FULLY CAST BODY, WAVEGUIDE,
BASE, AND REAR COVER

HYPEX NCORE
AMPLIFICATION & DSP

HF 100W 1 X 1.75" TITANIUM
MF 100W 4 X 4" POLY
LF 125W 1 X 10" ALUMINIUM

35HZ - 20KHZ RESPONSE

ANALOGUE AND DIGITAL INPUTS

TO BE USED AS SINGLE OR
MULTIPLES

AUTO INPUT & ON/OFF

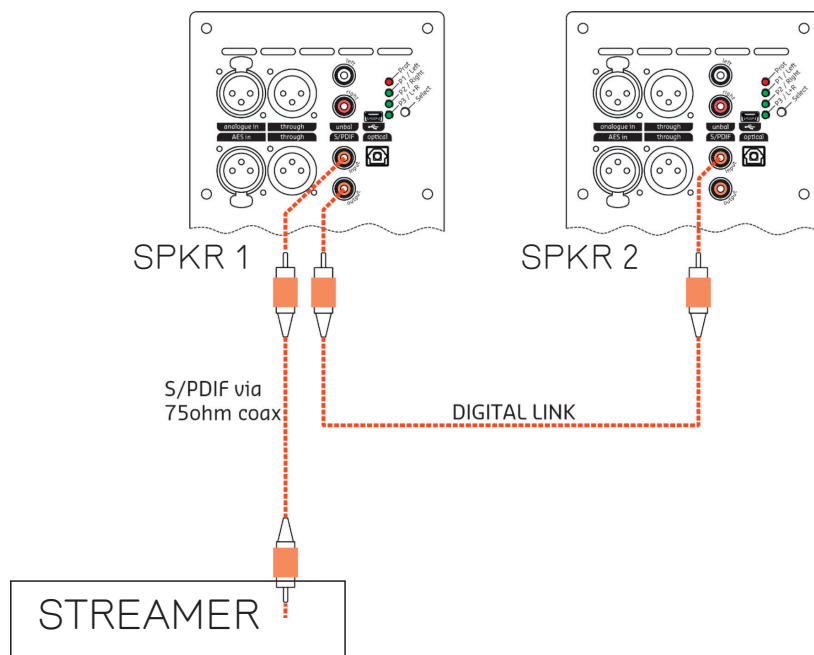
-5dB 0dB +5dB TRIM SETTINGS



ACTIVE LOUDSPEAKER

SETUP

Loudspeakers each require mains power
Digital signal cable can be daisy chained without signal degradation and carries both LEFT and RIGHT audio channels (stereo)



PROFILES



Short press 'Select' to cycle through these volume offsets

P1 -5dB (soft)

P2 0dB (normal)

P3 +5dB (loud)

Be careful at higher listening levels, slowly increase the volume and keep an eye on the red 'Protect' light. It may flash when the amplifiers are running out of power. Should it stay on for a continued length of time the amplifier may shut down and will require a hard power cycle to reset. Simply turn the power back on when the light has cleared.

Digital channel selection:
Digital signal carries both left and right signal. Therefore, the desired channel can be configured using MFD.

When a digital source is selected, the current channel setting can be displayed by holding the select button for 3 seconds until the selected channel mode starts blinking.

■ Left: Left digital channel selected
■ Right: Right digital channel selected
■ L/R: Both digital channels mixed into mono

To change the selected channel mode, hold the select button after the long press. Every 1.5 seconds, the channel mode is switched.

Given each speaker is receiving and sending both Left and Right audio channels, the speaker can play either of these channels or both.

Use the Select button on the rear of the speaker to change the playback from L>R>L+R depending on it's orientation and position in the space - by holding the the button it will flash and cycle through these inputs - simply release it on the desired setting. Individual or centre units should be set to L+R

DIMENSIONS & HANDLING

To remove the Cast Loudspeaker from the shipping crate unscrew the top lid of the box and remove any loose contents - cable etc.
Once the lid is off, lay the crate down and then roll to upside down - carefully lift the wooden crate off of the speaker.
Be sure not to let the speaker topple in the removal of the crate from box. Four hands make this easy.
Do not attempt to lift the loudspeaker from the crate.

