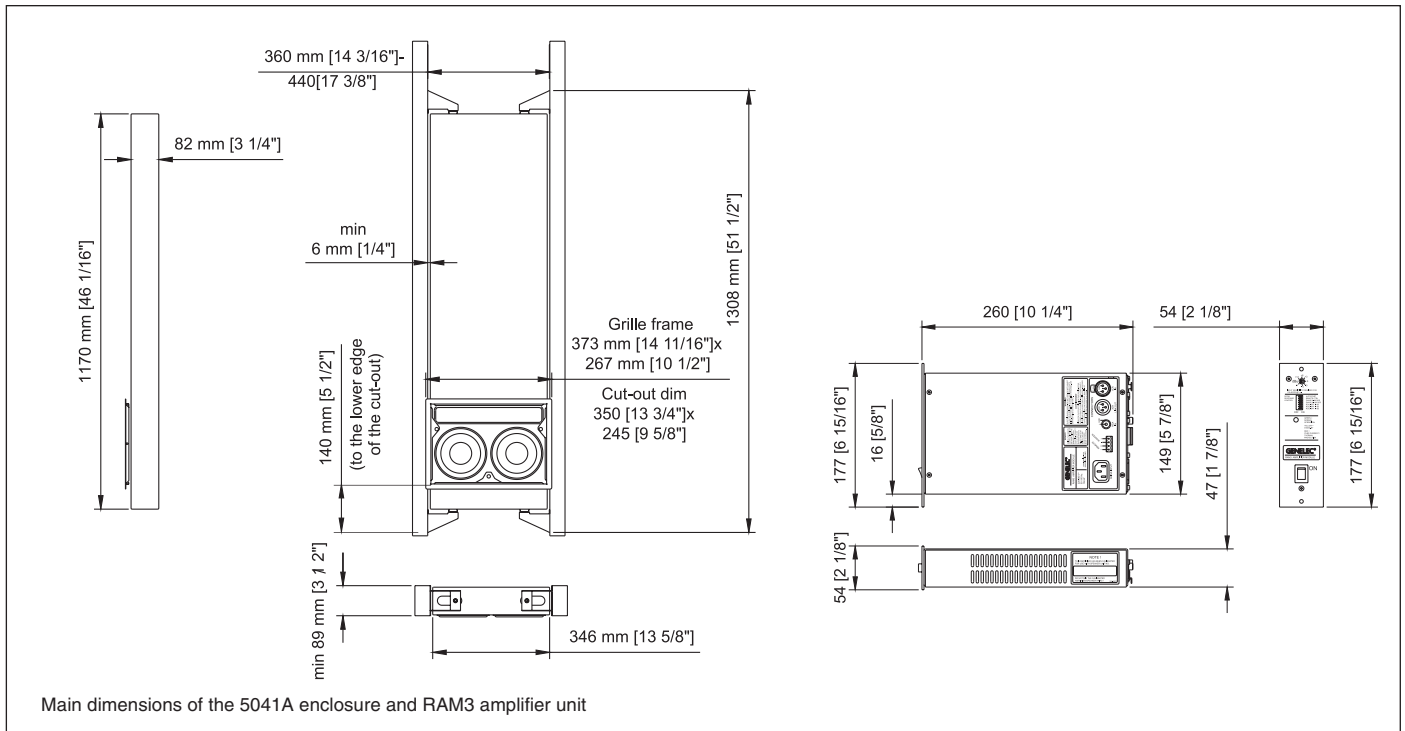




The Genelec 5041A is a dedicated Active In-Wall subwoofer designed to complement Genelec AIW25 Active In-Wall loudspeakers and AIC25 Active In-Ceiling loudspeakers. When the 5041A is installed, all that can be seen of it is a discreet little metal grille on the wall, but its powerful and dynamic bass response will leave no doubt about the presence of a high quality subwoofer.

The 5041A extends the system's bass response down to 35 Hz with an upper cut-off frequency of 95 Hz.

The 5041A has two 6.5" loudspeaker drivers in a very slim (depth 82 mm / 3 1/4") MDF enclosure and a separate 4U RAM3 amplifier unit that can be installed in the equipment rack using the optional RM2 rack adapter. The RAM3 shares the same dimensions as the RAM2 amplifier

that powers the AIW25 and AIC25 models so one RM2 can take up to eight of these amplifiers.

The audio connectors on the RAM3 amplifier include parallel XLR and RCA input connectors and an XLR Link Out connector for daisy-chaining multiple subwoofers together.

Adjustable input sensitivity provides easy connection to all types of decoders. Bass roll-off rate and crossover phase can also be adjusted to suit different acoustical environments and subwoofer positioning. Amplifier power switching can be set to manual, automatic signal sensing or remote controlled by a 12 V trigger voltage.

The 5041A packs a respectable punch of 105 dB maximum SPL. If more sound pressure is needed, coupling multiple sub-

woofers together using the Link Out channel gives an added 6 dB for a system of two, 9.5 dB for three and 12 dB for four subwoofers.

The 5041A subwoofer enclosure mounting system uses adjustable brackets and rubber springs to isolate the enclosure from the wall structure. Thanks to this flexible mounting, no vibration is transmitted to the sheetrock or other parts of the wall even at high playback levels.

A stealthy combination of one 5041A and five AIW25's can create a wonderfully dynamic and detailed soundstage for small listening rooms. Contact your local Genelec dealer for an audition and see Genelec's Home Theater website www.genelec-ht.com for more information on Genelec's Home Theater loudspeaker line.

5041A Data Sheet

SYSTEM SPECIFICATIONS

	5041A
Free field frequency response (± 3 dB)	35 Hz...95 Hz
Maximum short term sine wave SPL output averaged from 40 to 85 Hz, measured in half space at 1 meter	105 dB
Maximum peak SPL output with random pink noise, measured in half space at 1 meter	110 dB
Self generated noise level in half space at 1 m on axis (A-weighted)	≤ 15 dB
Drivers	2 x 165 mm (6.5")
Weight	
Subwoofer enclosure	15 kg (33 lb)
Amplifier	1.4 kg (3.1 lb)
Dimensions (see Figure 1)	
Subwoofer enclosure	
Height	1170 mm (46 $\frac{1}{16}$ ")
Width	346 mm (13 $\frac{5}{8}$ ")
Depth	82 mm (3 $\frac{1}{4}$ ")
Amplifier	
Height	177 mm (6 $\frac{31}{32}$ ") (4U)
Width	54 mm (2 $\frac{1}{8}$ ")
Depth*	260 mm (10 $\frac{1}{4}$ ")
*Note that the cable connectors require at least 100 mm (4") of space behind the amplifier	

AMPLIFIER SECTION

	5041A
Amplifier short term output power (Long term output power is limited by driver unit protection circuitry)	125 W
Amplifier system THD at nominal output	≤ 0.05 %
Mains voltage	85-132 V or 170-265 V according to region
Power consumption (average)	
Stand by	8.5 VA
Idle	11 VA
Full output	150 VA

CONNECTORS

	5041A
Input connector XLR female	1, balanced
pin 1	gnd
pin 2	+
pin 3	-
Input connector RCA female	1, unbalanced
pin 1	gnd
pin 2	+
LINK OUT connector XLR male	1, balanced
pin 1	gnd
pin 2	+
pin 3	-
Input impedance	10 kOhm
LINK OUT gain	0 dB

CONTROLS

	5041A
Input sensitivity	+12 to -6 dBu
Phase matching control in 90° steps	From 0 to -270°
Bass Roll-Off control operating range in 2 dB steps	From 0 to -6 dB @ 35 Hz
Remote control	Remote controlled Standby/On switching by 12 V trigger