

Installation Manual

Option 11 (1037-412) Rack Adapter for 1032A, S30C, 1037B/C, HT210, HT210B and HT312A

GENELEC®

Kit Contents

The following hardware is included with this rack adapter kit: One 7U Rack mount chassis unit with cable and connectors in place, one Speaker cable adapter and four 4 x 2 mm screws.

The bolts and nuts for attaching the rack adapter into an equipment rack are not included in this kit.

Cables to go between the amplifier and speaker are not included in this kit. To complete the installation, one of the following cable kits is needed:

Order code	Length
1039-203	2 meters
1039-204	5 meters
1039-205	10 meters
1039-206	15 meters
1039-207	20 meters

If you choose to build the cables yourself, note that the maximum speaker cable length is 20 meters and the conductor wire used should be at least 2.5mm² (13 AWG)

Note that the cabling in this rack mount kit does not support the Mode indicator LED function on the Genelec S30D Digital Monitoring System.

Assembly

Place the speaker face down on a flat surface. Remove the amplifier from the rear

of the speaker cabinet by loosening the six M4 screws at the edge of the longer sides. Take special care not to stress the speaker cable that connects the amplifier and speaker cabinet. Disconnect the speaker cable from the amplifier.

Connect the speaker cable to the speaker cable adapter's connector (see fig. 1 overleaf). Attach the speaker cable adapter to the speaker box with four 4 x 12 mm screws. If your speaker is Genelec type S30C, you may notice that the speaker cable wire colour pattern is not the same as on the adapter's connector. This is normal, the wire sequence is correct despite the difference in colour coding.

Place the amplifier and the rack adapter side by side on a flat surface and connect the rack adapter cable (see fig 2 overleaf) to the amplifier board.

Place the amplifier on the rack adapter chassis and fix it with six M4 screws. Ensure that the rack adapter cable does not tighten or press against any amplifier components. The rack adapter can now be mounted into a standard 19 inch rack. Leave at least ten centimeters (4 inches) free space above and below the amplifier to ensure cooling.

Connect the amplifier to the speaker with two Speakon 8- and 4-pole cables (Genelec part no 1039-204 or 1039-205) and place the speaker in its recess. Now the system is ready for operation.

Connector wiring

1037B/C, S30C AND 1032A SPEAKER CONNECTOR			
PIN NUMBER	SIGNALS		
1 +	T+	T-	T+
1 -	T-	T+	T-
2 +	M+	M+	N/C
2 -	M-	M-	N/C
3 +	B+	B+	B+
3 -	B-	B-	B-
4 +	N/C	N/C	N/C
4 -	N/C	N/C	N/C
1037B/C, S30C AND 1032A LED CONNECTOR			
PIN NUMBER	SIGNALS		
1 +	CLIP LED +		
1 -	CLIP LED -		
2 +	POWER LED +		
2 -	POWER LED -		

HT210 AND HT210B SPEAKER CONNECTOR	
PIN NUMBER	SIGNALS
1 +	T+
1 -	T-
2 +	CLIP LED
2 -	N/C
3 +	B+
3 -	B-
4 +	N/C
4 -	N/C
HT210 AND HT210B LED CONNECTOR	
PIN NUMBER	SIGNALS
1 +	N/C
1 -	N/C
2 +	POWER LED +
2 -	POWER LED -

HT312A SPEAKER CONNECTOR	
PIN NUMBER	SIGNALS
1 +	T+
1 -	T-
2 +	M+
2 -	M-
3 +	B+
3 -	B-
4 +	N/C
4 -	N/C
HT312A LED CONNECTOR	
PIN NUMBER	SIGNALS
1 +	POWER LED
1 -	LED GND
2 +	N/C
2 -	CLIP LED

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Dimensions

	W	H	D
Rack mount chassis			
(mm)	483	310	82*
(inches)	19	12 ¹ / ₄	3 ¹ / ₂ *
Speaker cable adapter			
(mm)	118	67	57
(inches)	4 ⁵ / ₈	2 ⁵ / ₈	2 ¹ / ₄

* Without Speakon connecting cable. Cable connectors require additional 100 mm (4 inches) of space behind the amplifier

