7350A Operating Manual

SYSTEM SPECIFICATIONS

	7350A
Free field frequency response ± 3 dB -6 dB	 25 - 150 Hz 22 - 160 Hz
Maximum short term sine wave SPL output averaged from 30 to 85 Hz, measured in half space at 1 meter	≥ 104 dB
Self generated noise level in half space at 1 m on axis (A-weighted)	< 5 dB
Harmonic distortion at 90 dB SPL at 1 m on axis in half space 30… 85 Hz 2nd 3rd	 ≤ 4 % ≤ 1 %
Driver, magnetically shielded	205 mm (8")
Weight	19 kg (42 lbs)
Dimensions Height Width Depth	 410 mm (16 1/8 in) 350 mm (13 3/4 in) 319 mm (12 9/16 in)

SIGNAL PROCESSING

	7350A
Subsonic filter (18 dB/octave) below	20 Hz
LFE cutoff frequency	150 Hz
Midband rejection >400 Hz	≥ 50 dB
GLM software Auto Cal tools Parametric notch filters Delay adjustment Level adjustment	 20 160 ms 60 dB

Compliance with FCC rules

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

AMPLIFIER SECTION

	7350A
Amplifier short term output power (Long term output power is limited by driver unit protection circuitry)	150 W
Amplifier system THD at nominal output	≤ 0.005%
Mains voltage	100, 120 or 230 V
Power consumption (average) Standby (ISS active) Idle Full output	 < 0.5 W 8.5 W 150 W

CONNECTIONS

ANALOG	7350A
Input / Output connectors XLR female / male LFE Input connector XLR female	5 / 5 1
Pin sequence pin 1 pin 2 pin 3	 gnd + (non-inverting) - (inverting)
Input impedance	10 kohm balanced
Input level for 100 dB SPL output @ 1 m	-6 dBu (variable in GLM software)
Output gain	0 dB

The output connectors carry an unfiltered copy of the signal arriving into their respective Input connectors.

DIGITAL	7350A
Input / Output connectors XLR female / male	1 / 1
Signal format	AES/EBU single wire
Digital audio Word length Sample rate	 16 - 24 bits 32 - 192 kHz

GLM NETWORK	7350A
Input / Output RJ45	1 / 1

www.genelec.com

GENELEC®

International enquiries:
Genelec, Olvitie 5
FIN-74100, Iisalmi, Finland
Phone +358 17 83881
Fax +358 17 812 267
Email genelec@genelec.com

In the U.S. please contact:
Genelec, Inc., 7 Tech Circle
Natick, MA 01760, USA
Phone +1 508 652 0900
Fax +1 508 652 0909
Email genelec.usa@genelec.com

In China please contact:
Beijing Genelec Audio Co, Ltd
Room 101, 1st Floor Building 71 B33
Universal Business Park
No.10 Jiuxianqiao Road,Chaoyang District,
Beijing 100015, China
Phone +86 (10) 5823 2014, Post code 100015
Email genelec.china@genelec.com

In Sweden please contact
Genelec Sverige
Ellipsvägen 10B
P.O. Box 5521, S-141 05 Huddinge
Phone +46 8 449 5220
Fax +46 8 708 7071
Email info@genelec.com