904 BROADBAND AMPLIFIERS

INDOOR AMPLIFIER 1+1 OUTPUT



Code : **9040062**

Model : **AI-108**

Description
Broadband apartment amplifier for terrestrial TV, with built-in power supply unit. It amplifies VHF and UHF bands separately. It has a return path compatible with the digital receivers of Dual View I, Digibox and Sky+, as well as an independent gain control for each band. It includes two outputs to make the distribution to two or more televisions.

Applications
Designed to distribute the signal from a Dual View I, Digibox or Sky+ satellite to all the televisions of an apartment. The return path of the amplifier passes the control signal of the receiver from the IR sensors installed along with each TV to the satellite receiver. The levels are easily adjusted by means of the two gain controls.

Characteristics
Made from ABS plastic, with an internal zamak chassis which gives maximum shielding. The power supply unit is insulated from the rest of the high frequency circuit, complying with the safety regulations for the installer and the user. Fixed to the wall by means of the supplied screws and wall-plugs. F type connectors. Supplied with the male connectors for a Ø6.8 mm coaxial cable. Does not include the accessory for the transmission of IR signals compatible with the digital receivers.

CODE		9040062		
MODEL		AI-108		
Outputs		2		
Frequency range	Band	RETURN	VHF	UHF
	MHz	0 - 10	40-318	470-862
Gain	dB±TOL	-2 ±0,5	14 ±1,0 3 ±1,0	24 ±1,5 13 ±1,5
Flatness response	dB	±1,2	±1,0	±1,2
Gain adjust	dB	-	16	12
Output level	dBµV	104/91 DIN 45004B 101/88 (IMD_3 -60 dB) 90/ 77 (IMD_2 -60 dB) 88/75 (CTB -60 dB) 90/69 (CSO -60 dB) 92/77 (XMOD -60 dB)		
DC path	mA	150		
	V⎓	9		
Return loss	dB	□10		
Noise figure	dB	-	4,5 ±1,0	3,0 ±1,0
Mains voltage	V~	230 ±10% 50/60 Hz		
	W	7		
Operating temperature	°C	-10..+65		
Protection index		IP 20		
Units per packing		1		
Packing weight	Kg	0,4		
Packing dimensions	mm	115 x 102 x 45		