



ARCHEAN TECHNOLOGIES

1899 avenue d'Italie - 82000 MONTAUBAN FRANCE
Tel : + 33 (0) 5 63 93 50 00 - Fax : + 33 (0) 5 63 03 72 99

BIM450

Induction Loop Amplifier 450 - 800m²

MADE IN 

1 year warranty



- BIM450 inductive loop amplifier is designed for place of worship and conference rooms of area up to 800 m².
- It is used to transmit the acoustic signal by means of a special loop made by a wire of a section of 1-2,5 mm².
- The reception of the signal is via an OPI wireless receiver connected with headphones or hearing aids for poorly hearing people.
- In one system there can be used any number of R-OPI wireless receivers.



Specifications	BIM450	R-OPI
Audio INput (XLR)	2 x mic, 1 x mic/line	-
Max loop area	450 m ² - 800 m ²	-
Loop impedance	0.1 Ohm - 1 Ohm	-
Loop current intensity	4 A RMS	-
Phantom power	12 V	-
Input sensitivity	- 50 dB mic., - 10 dB line	-
Bandwidth	40 - 20 000 Hz	18 - 20000 Hz
Non-linear distortions THD+N	<0,25% <0,25%	-
Max power	300 VA	-
Power supply	230V~, 50 Hz	2 x 1.5V (battery R6)
Dimensions mm	443 x 50 x 205	62 x 21 x 100
Weight kg	4.1	0.08

