

User's Manual

ATTENUATORS



Model: AT SERIES

SECURITY INSTRUCTIONS

1. Keep this User Manual for future reference.
2. Unplug the unit from the power outlet before cleaning it.
3. Do not put containers containing liquids on the device. Do not pour liquids on the unit.
4. Install this equipment on a safe surface. If you do not place the equipment on a safe surface, it may fall and be damaged.
5. Do not place flame sources over the equipment, such as candles.
6. Always keep in mind all warnings and precautions of the equipment.
7. Never open the equipment. For safety reasons, the equipment should only be manipulated by qualified personnel.
8. Pay attention to the connection polarity, when operating the equipment with a direct current (DC) power source. The reversed polarity connection can cause damage to the equipment, or to the power supply.
9. If any of these situations arise, let the technical staff check the equipment:
 - a) The power cord or plug is damaged.
 - b) Liquid has penetrated inside the equipment.
 - c) The equipment has been exposed to moisture.
 - d) The equipment has not worked well or does not work according to the instruction manual.
 - e) The equipment has dropped and been damaged.
 - f) If the equipment has obvious signs of damage.
10. Disconnect the audio inputs and outputs while making the connections. Be sure to use the appropriate cables to make the connection.

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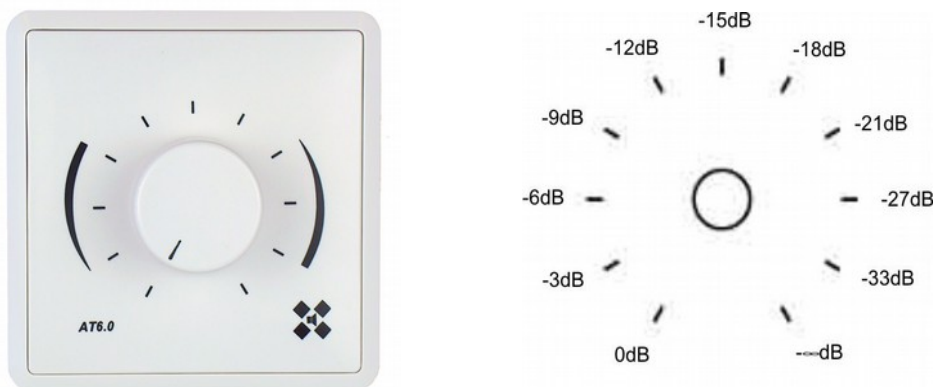
1 INTRODUCTION

The impedance attenuator of LDA AT Series are attenuator controllers, for lines of speakers of high impedance, with remote deactivation. It has a total of 10 attenuator positions in steps of 3dB and a position of total attenuation of (-8dB).

2 DESCRIPTION

The AT Series attenuators, introduces a parallel impedance from its insertion point in lines of paging speakers with high impedance. Thus, the power transferred to the line can be regulated from the rotary driver. In case of emergency the AT Series attenuators can be disabled remotely, being transparent to the speaker line, which in this case it will receive the maximum power of the line.

2.1 CONTROLS



2.2 CONNECTION



Marking	Description	Type	Signals	Activation
24V	Positive in the line of control	Input	+	24V DC 100mA
0V	Reference to the line of control	Input	⊥	
OUT	Output of positive speaker line	Output	+	N/A
COM	Output of negative speaker line	Output	-	N/A
COM	Input of negative speaker line	Input	-	N/A
IN	Input of positive speaker line	Input	+	N/A



3 TECHNICAL SPECIFICATIONS

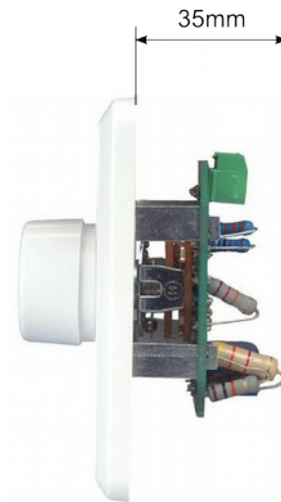
Model	AT-6, AT-25
Reference	LDAAT60S02, LDAAT25S01
Line Input	70 / 100V
Step attenuators	10 x -3dB
Deactivation control signal	24V DC 20 mA max
Connectors	Euroblock with easy insertion, fixed with screws
Cable (mm ²)	0,14 – 1,5
Material	ABS
Color	White RAL 9003

Model	AT-6
Reference	LDAAT60S02
Maximum Power	12W @100V, 6W @70V
Dimensions (Wide x High x Depth)	80,1 x 80,1 x 35 mm
Mounting	Panel, superficial box or universal box

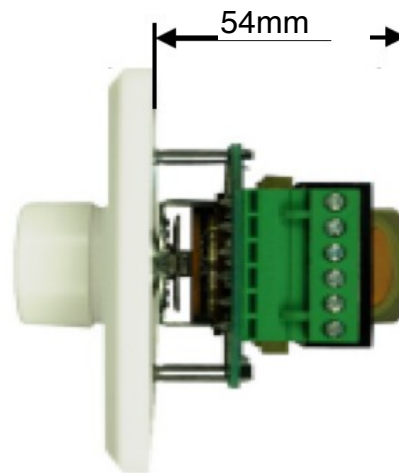
Model	AT-25
Reference	LDAAT25S01
Maximum Power	50W @100V, 25W @70V
Dimensions (Wide x High x Depth)	80,1 x 80,1 x 54 mm
Mounting	Panel or superficial box

4 MECHANICAL DETAILS

AT-6



AT-25



5 ACCESORIES



MC20EC03



MC20EC04

Ver. 1