



BOGEN ATP10 Attenuators with Bypass 25V/70V Speaker Line User Manual

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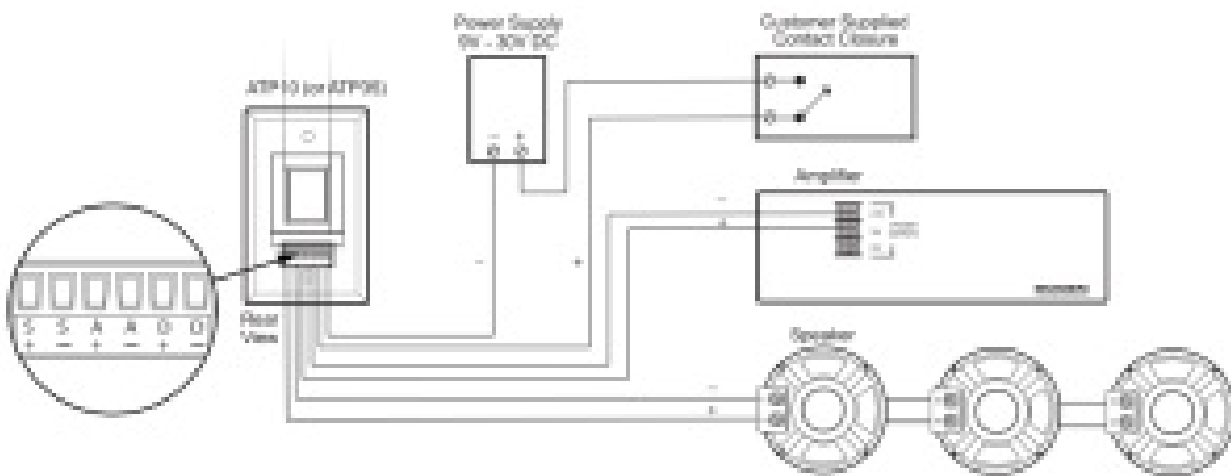
Description

These 10-step plus “OFF” speaker attenuators allow the volume of a network of 25V or 70V speakers to be controlled from a remote location. The ATP10 attenuator can handle speaker loads of up to 10W (max.) and the ATP35 attenuator can handle speaker loads of up to 35W (max.). The ATP10 fits into a single gang electrical box and the ATP35 attenuator fits into a double gang electrical box.

Each unit includes a bypass function for overriding the volume control knob setting when activated by 9V to 30V DC.

Applying 9V to 30V DC between pins labeled D+ and D- bypasses the volume control function and provides full volume audio to the speakers.

Attenuator Wiring



Pin Connections

- S+ Speaker Load Hot
- S- Speaker Load COM
- A+ Amp Hot
- A- Amp COM
- D+ +9V to 30V DC @ 22mA
- D- Gnd DC

Attenuator Settings

STEP	ATTENUATION
10	0 dB (Full Volume)
9	-3 dB
8	-6 dB
7	-9 dB
6	-12 dB
5	-15 dB
4	-18 dB
3	-21 dB
2	-27 dB
1	-33 dB
0	Speaker Off

Bypass Connection Examples

UTI1 Example:

In the example below, the AUX contacts of the Universal Telephone Interface (UTI1) are programmed to close when the UTI1's Override (Emergency) input becomes active. The AUX contacts switch 24V from the UTI1 power supply terminals to the Bypass input of the ATP10 or ATP35, allowing a full volume page to be heard regardless of the volume setting of the attenuator. See front page for amplifier and speaker wiring.

will typically work appropriately.

Limited Warranty: Exclusion of Certain Damages

The ATP10 and ATP35 are warranted to be free from defects in material or workmanship for two (2) years from the date of sale to the original purchaser. Any part of the product covered by this warranty that, with normal installation and use, becomes defective will be repaired or replaced by Bogen, at our option, provided the product is shipped insured and prepaid to: Bogen Factory Service Department, 50 Spring Street, Ramsey, NJ 07446, USA. The product will be returned to you freight prepaid. This warranty does not extend to any of our products that have been subjected to abuse, misuse, improper storage, neglect, accident, improper installation or have been modified or repaired or altered in any manner whatsoever, or where the serial number or date code has been removed or defaced.

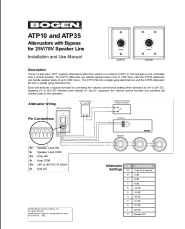
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Products that are out of warranty will also be repaired by the Bogen Factory Service Department — same address as above or call 201-934-8500. The parts and labor involved in these repairs are warranted for 90 days when repaired by the Bogen Factory Service Department. All shipping charges in addition to parts and labor charges will be at the owner's expense. All returns require a Return Authorization number.

www.bogen.com



Documents / Resources

	<p>BOGEN ATP10 Attenuators with Bypass 25V/70V Speaker Line [pdf] User Manual ATP10, ATP35, ATP10 Attenuators with Bypass 25V, 70V Speaker Line</p>
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