

Manual BAS Projector Speaker #10760

<https://mennegat.nl/bas/bas-projector-speaker-industrial>

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1. IMPORTANT SAFETY INSTRUCTIONS

Read these instructions

Keep these instructions

Heed all warning

Follow all instructions

Servicing

Do not implement any servicing other than those means described in the manual.

Refer all servicing to qualified service personnel only. Only use accessories/attachments or parts recommended by the manufacturer.

2. UNPACKING

Thank you for purchasing your BAS PROJECTOR SPEAKER sound projector. All units have been rigorously tested before leaving the factory. Carefully unpack the carton and check the contents to ensure that all parts are present and in good conditions:

- 1x BAS PROJECTOR SPEAKER sound projector

This User manual

If anything damaged during transport, notify the shipper immediately and keep packing material for inspection. Again, please save its carton and all packing materials. If the unit must be returned to the manufacturer, it is important that the unit is returned in the original manufacturer's packing. Please do not take any action without first contacting us.

Our products are subject to a continuous process of further development. Therefore modifications to the technical features remain subject to change without further notice.

3. PRODUCT OVERVIEW

BAS BAS PROJECTOR SPEAKER is high efficiency sound projectors designed to provide good

speech intelligibility and background music in a wide variation of applications, and are perfect suited to be used in large 100V broadcast systems such as shopping malls, stations, airports, etc.

It is fitted with a 6.5" broadband loudspeaker and the power is adjustable by the integrated 100V line transformer with power taps for 20Watt, 10Watt and 5Watt at 100 Volt. The speaker can be easily mounted to any wall or ceiling by using the stainless-steel mounting bracket.

Thanks to the weatherproof treated ABS housing with white weatherproof coated aluminum grill, the speaker has an IP56 Ingress Protection standard, which make it suitable for indoor as well as outdoor installations.

3.1. Features:

High Speech Intelligibility and Sound Quality

Integrated 100V Line Transformer with 4 power taps

6.5inch 2-Way Coaxial Speaker System

Easily mounted to any wall or ceiling

IP56 Ingress Protection Standard

Weatherproof Treated ABS Housing

Weatherproof Coated Aluminum Grill

BAS PROJECTOR SPEAKER20W 2-Way Projection Speaker for PA Applications

4. PRODUCT APPEARANCE

200mm (7.87")

124mm (4.88")

Ø7,5mm

60mm (2.36")

245mm (9.65")

236,5mm (9.31")

236,5mm (9.31")

150mm (5.90")

5. INSTALLATION

Read these instructions carefully before installing and using the product.

When the speaker is installed on ceilings or walls, check that the structure is reliable and the speaker is firmly attached.

Do not use nails, adhesives or other unauthorized devices. Long-term use and vibrations may cause it to fall easily.

Do not listen to sound at a very high level when you are changing the input source (for example, from FM Tuner to CD player). Please be sure the power amplifier is turned off or master volume is at lower level.

The installer is responsible of installation. Please pay attention to install speakers according to local safety regulations.

When manage the speaker, be careful not to touch or load the front of the speaker net with hard facing, otherwise it will deform the net.

5.1. Speaker Connection

BAS PROJECTOR SPEAKER sound projector is equipped with a built-in line transformer with 5 power taps, to better adapt each speaker to the type of line (constant voltage @ 100V), the power of the amplifier, and the number of speakers in the system.

When connect the speaker to the 100V line, pay attention to wire colors. Please refer to the following table when connect them to the line.

5.2. Power taps

With a flat screwdriver you can select the desired wattage tap.

Choice can be made between Lo-Z (8 ohm) Hi-Z 100V and Hi-Z 70V

The wattages are indicated on the sticker.

Please note: the setting that indicates 20W at 70V cannot be used at 100V, as this will destroy the speaker.

6. UNDER-POWERING VS OVER-POWERING

Most speaker damages are caused by amplifiers with too little power (wattage).

Overdriven amplifiers clip output waveforms and send distortion to the speakers.

Clipping is usually audible; it may vary from a harsh sound to a fuzzy or unclear sound.

If you hear this condition at loud volume levels, turn down the amplifier volume until the distortion is no longer present. Damages caused by operating the speakers at distorted volume levels are no covered by warranty.

NOTE: Total number of speakers multiplied by tap value cannot exceed the output power (in watts) of the 100V amplifier. If, for instance, you're going to install 5 BAS PROJECTOR SPEAKER sound projectors with 20W power (white wire) on a 100V line, you need an amplifier with at least $5 \times 20 = 100$ W RMS power. A good rule of thumb is to use an amplifier with 20% greater power; in this case, an amplifier with 120W or more.

8. SPECIFICATIONS

System type Coaxial 2-Way Speaker

RMS Power @ 100V 20W / 10W / 5W

Impedance 500Ω / 1kΩ / 2kΩ

Frequency Range 100Hz-20KHz

Sensitivity 85dB (1W@1m)

Low Frequency Woofer 6.5" PP Cone Woofer

High Frequency Driver 0.5" PEI Tweeter

Ingress Protection Rating IP56

Operating Temperature -20°C to + 60°C

Construction ABS

Mounting Steel C-Bracket

Mounting holes 3x Ø7.5mm (0.03 inch) holes with 30mm (1.2 inch) space

Front finish Aluminum Grill

Color White

Dimensions (Ø×D) 177 × 260 mm (6.97 x 10.24 inch)

Projector Weight 2 kg – 4.4 lbs.

Packing Size 195 x 185 x 300 mm (7.68 x 7.28 x 11.81 inch)

Gross Weight 2 kg – 4.4 lbs.

Our products are subject to change. Modifications to technical features remain subject to change without notice

9. WARRANTY AND SERVICE

All BAS products are covered by warranty according to European regulations (2 Years in the case of purchase by private person - B2C; 1 year in the case of purchase by company - B2B). The warranty is valid from the date of purchase by the end user (private individual or company), indicated in the purchase document (receipt in the case of private person; invoice in the case of company). The following cases / components are not covered by the above warranty:

All accessories supplied with the product;

Improper use;

Failure due to wear and tear;

Any unauthorized modification of the product by the user or third parties.

BAS must meet the warranty obligations due to any non-compliant materials or manufacturing defects, by remedying free of charge at BAS's discretion by either repairing or replacing specific parts or the entire equipment. Any defective parts removed by a product in the event of a warranty claim become property of BAS. During the warranty period, defective products can be returned to BAS retailer or installer with proof of original purchase (receipt or invoice). To avoid damage during transport, please use the original packaging, if available. For more information, visit the website:

10. WARNING

READ CAREFULLY - only for EU and EEA (Norway, Iceland and Liechtenstein).

This symbol indicates that the product must not be disposed of with household waste, according to the WEEE directive (2202/96/EC and subsequent amendments) and national legislation.

The product must be delivered to a designated waste collection center (e.g. on an authorized one-for-one basis when you buy a new similar product, or to an authorized collectionsite for recycling waste electrical and electronic equipment).

Improper handling of this type of waste can have a negative impact on the environment and human health due to potentially dangerous substances that are generally associated with electrical and electronic equipment. At the same time, your cooperation in the proper disposal of this product will contribute to the effective use of natural resources.

For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service.