

# ***INFRACOM*** SV/BNC

Distribution amplifier for infrared conference system

Article no.: 06.6210.3



## Introduction and connections

Thank you for choosing the INFRACOM simultaneous interpreting system from Brähler Systems. Using up to 32 channels and languages, INFRACOM distributes language signals from simultaneous interpreters to the conference delegates via infrared light, wireless and invisible. The system uses the Band IV infrared range for this purpose, guaranteeing interference-free transmission of the content - even in sunlight or extremely bright artificial light. This works for large congresses as well as for smaller conferences.

The entire system can be easily secured against eavesdropping attempts from outside. All information within the INFRACOM system is transmitted by means of light waves - these can easily be restricted in their propagation. Dark curtains, for example, are sufficient for sealing off the outside.

The SV/BNC distribution amplifier is used within the system to distribute signals to several infrared radiators. It has one input and five outputs as well as LOOP for the RF signals to the radiators. The distributor is suitable for operation in band II as well as band IV. The amplified signals can be transmitted over long distances. Its small size makes the SV/BNC an ideal solution for extending IR illuminators into new or existing systems such as those found in boardrooms, control centers, or rental and stage environments.

### System components:

- Compact transmitter ICenIV
- Interpreter console DOL7/2E
- High power radiator IRad
- Infrared receiver IRX
- TK50 transport and loading cassette
- Distributor SV/BNC
- Conference headphones K45

### Optional:

The INFRACOM system is fully compatible with the Brähler Systems DIGIMIC conference system (transmission of up to 32 channels).



For the operation of the individual components, please read the corresponding instructions.



The product complies with the regulations of the following European directives:  
73/23/EEC, 2004/108/EC and 99/5EC

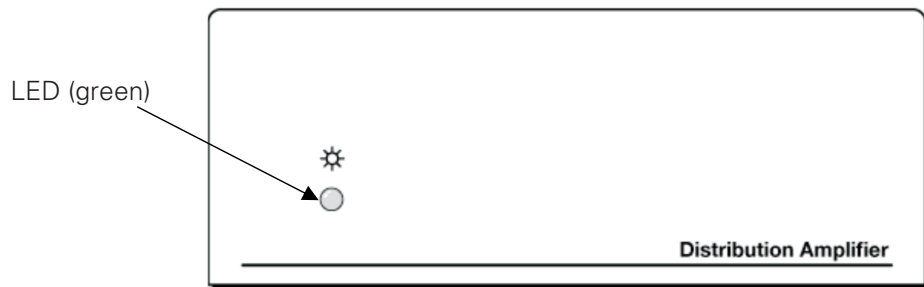


### CAUTION

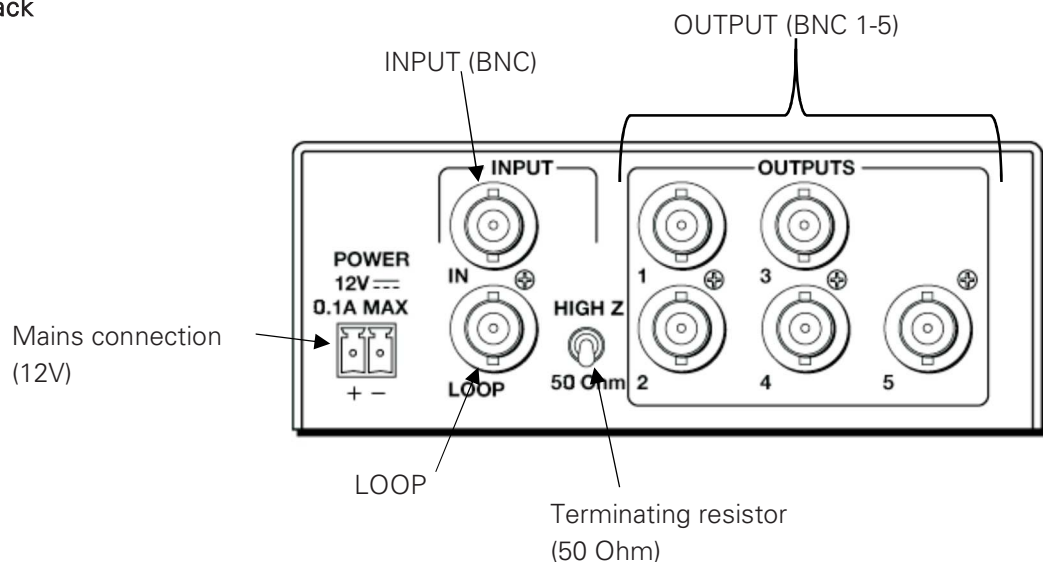
Changes or modifications that are not expressly approved by Brähler System have been made, may cancel the authorization to operate the device.

## Connections

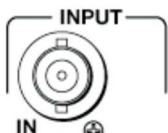
### Front



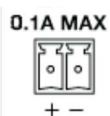
### Back



Green LED: The green LED on the front panel indicates the operating status of the SV/BNC - when switched on, the LED lights up.



INPUT (BNC): Input of the input signal via BNC, e.g. from the Transmitter



Mains connection: 12 volt mains connection for voltage supply via an external power supply unit.



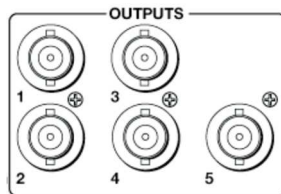
Be sure to observe the polarity of the connections!



**LOOP:** The input signal is looped through via the LOOP. The input signal is available at the socket for the purpose of forwarding to other distributors or also radiators.

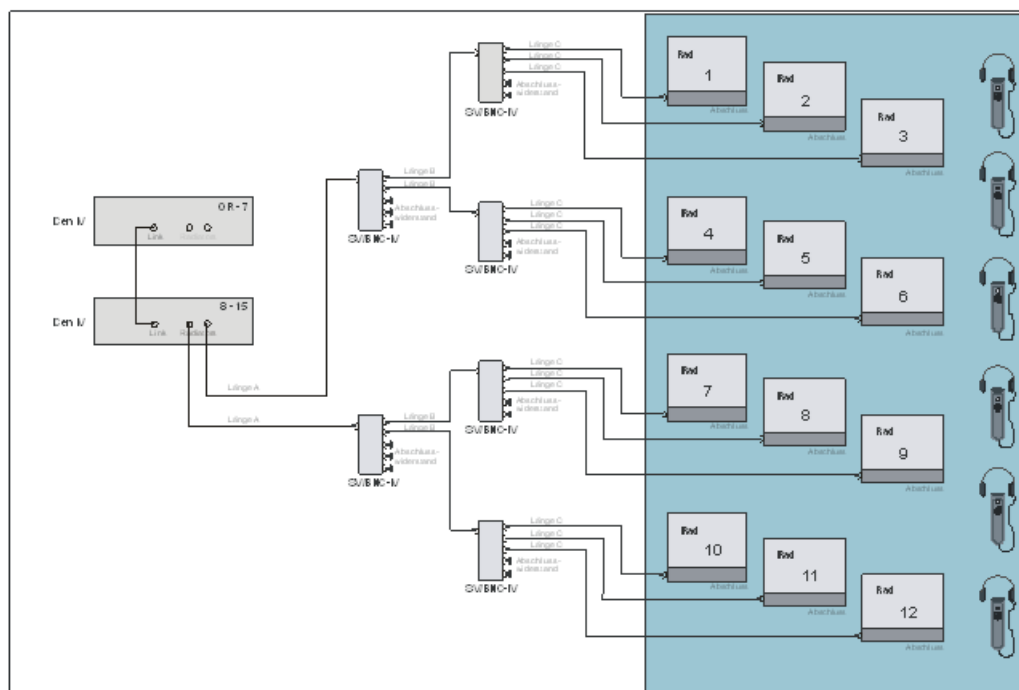


**HIGH Z**  
**50 Ohm**  
Terminating resistor: Switchable 50 Ohm resistor (high impedance). Depending on the place within a system, set the switch to "50 Ohm" or "HIGH Z".



**OUTPUTS**  
OUTPUT 1-5: Five signal outputs for distributing the signals to further lines or radiators.

## Example system image



## Structure and operation

To put the SV/BNC distributor into operation, first establish a power supply. Plug a suitable power cable into the power connector of the distributor and connect it to the power supply. Pay attention to the polarity of the connections.

Connect the distributor to the input channel (INPUT) of your system using BNC. Connect a spotlight/spotlight chain to at least one of the OUTPUT outputs (1-5). The input signal can also be forwarded via "LOOP" to a further distributor or also radiator. If further distributors or radiators are connected via "LOOP", set the terminating resistor to "HIGH Z" - if the distributor is the last one in a chain, set the resistor to "50 Ohm". The device is now ready for use.

## Warnings



The connections of the system are only suitable for other INFRACOM devices. Do not connect any other devices!




In case of malfunctions, contact a technician, do not try to repair, unscrew or similar INFRACOM series devices on your own.

The masculine form of writing in these operating instructions is used solely for simplification. It stands for the gender-neutral designation of the listed groups of people. All people are addressed and respected, regardless of gender.

If you have any questions about these operating instructions, please contact:

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Note: Changes or modifications to the equipment not expressly approved by Brähler Systems could void the FCC authorization to operate this equipment.

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