

Data Sheet

MHP 70

Art.Nr.: 1067-NF



The MHP 70 is an extremely low-noise mast preamplifier, suited for transmission powers up into the Kilowatt range. Based on the LNA 70, the MHP 70 offers N sockets and 2 coaxial power relays. This amplifier has been deliberately avoided the installation of a protective circuit, since the reliable operation is not guaranteed at this power range..

Connection instructions

Turning on the preamp is simply done by applying the operating voltage; after switching off the operating voltage the MHP 70 is bridged for the transmit mode with low attenuation. The operating voltage is applied externally via an UHF (SO-239) socket placed in the middle between the N sockets. It is absolutely necessary that a shielded cable such as Model RG 58 / U is used. The inner conductor has to be connected to the Plus (+) pole, the shielding to the Minus (-) pole..

Remote feeding is not possible!

Technical Data

Frequency range:	430-440 MHz
Noise figure, typ.:	0.5 dB
Amplification, typ.:	21 dB
Admissible power:	1200W PEP/600W FM
Insertion loss:	0.1 dB
Operating voltage:	12V - 14V
Current consumption, typ.:	350 mA
Connection standard:	N – socket
DC Eingang:	UHF – socket
Mast diameter:	max. 58 mm

Attention:

The MHP-70 has no protection circuit!
Please pay attention to the delayed switching of the PA when transmitting!



Use shielded cables for the power supply for lengths exceeding 1m. The shielding should be connected with 0V supply ground. Unshielded cables may act as antennas and cause damage by static voltages!

Notes on environmental protection

Electrical and electronic devices may not be disposed of with household waste. This must be handed in separately at collecting points, or returned to the point of sale.

Packaging materials must be separated and disposed of through the municipal waste by material type.

Declaration of Conformity

The CE mark is a free trade mark. It does not guarantee any product features. The product does apply to all relevant regulations within the scope of 94/62/EG.



Maintenance

Do not open the unit. It does not contain any parts needing maintenance. If you need help regarding technical matters, please contact our team:

technik@ssb-electronic.de

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Safety, Warranty

Not suitable for children. The packaging material and the device may contain small parts which may be swallowed. Repairs may only be performed by qualified personnel., Opening the device, or improper use will void any warranty claims. No guarantee will be given. The device applies to the Low Voltage Directive 2006/95/EG, as well as to 2004/108/EG, 2002/96/EG, 1999/44/ EG.

Manufacturer:

SSB-Electronic GmbH

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