

R102 RIBBON MICROPHONE

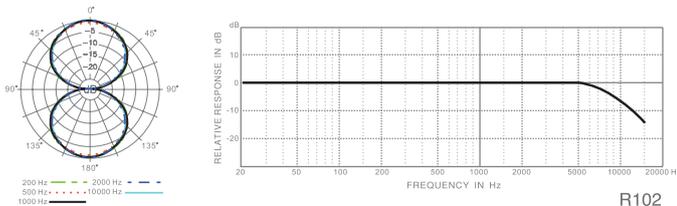
Description

The R102 series ribbon microphone is especially designed for broadcast and TV recording. With the high sensitivity and flat frequency response as the condenser microphone, it also has the fastest transient response. The R102's classical pure, warm sound texture is ideal for broadcast, strings, orchestra and stereo Blumlein recordings. It has also been well received when used on live stage music productions.

Features

- Phantom power required, high sensitivity, high dynamic range, low noise.
- Low impedance output, low distortion.
- Pre-amplifier with integrated shielding to provide EMI-free performance.
- Figure 8 polar pattern, symmetrical front and back sensitivity.
- Easy-to-replace ribbon module.

R102 Frequency Response (Figure 8)



Specifications

Type	Ribbon, 2.5 μ m
Polar Pattern	Figure 8
Frequency Response	25 – 15,000 Hz
Sensitivity	-40 dBV/Pa (10 mV)
Output Impedance	250 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	76 dB
Equivalent Output Noise	18 dB
Max. SPL	138 dB
Dynamic Range	120 dB
Power Requirements	48V $\overline{=}$, 4 mA
Finish	Dark gray
Connector	XLR3M
Dimensions	60 x 44 x 196 mm (2.63" x 1.73" x 7.72")
Net Weight	500 g (17.6 oz.)

Included



This information sheet contains important information for the safe use of the product. Read and follow the safety and handling instructions given here. Please keep this information sheet for future reference. If you pass on the product described overleaf, please enclose this information sheet.

Safety instructions

Intended use

This device converts acoustic signals in electrical signals. Any other use or use under the conditions excluded here is considered improper and can lead to personal injury or property damage. Neither the manufacturer nor the distributor is liable for damage resulting from improper use.

Choking hazard for children



Make sure that plastic sleeves, packaging, etc. cannot get into the reach of babies and small children. Do not allow children to use electrical devices unsupervised. They could loosen parts of the product, then swallow them and choke on them!

Place of operation

The device must not be used

- ▶ at particularly high temperatures or humidity
- ▶ in particularly dusty or polluted places
- ▶ in places where it can be exposed to moisture

General handling

To prevent damage, never use force when handling the product. Never immerse the product in liquids. Just wipe it with a clean, dry cloth. Never use liquid cleaners such as benzene, thinner, or flammable detergents to clean the product.

Disposal

Old devices



Devices with this label are subject to the current EU directive on waste electrical and electronic equipment (WEEE directive) and may not be disposed of with household waste, but only via a suitable disposal company. Ask your local authority or your specialist dealer about your options for proper disposal.

Packagings



Environmentally friendly materials have been selected for the packaging and are to be recycled. Do not just throw away plastic sleeves, packaging, etc., but recycle them. If necessary, note the instructions and labels on the packaging.