

# Октава

## MK-012

### Condenser microphone

#### Operating instruction

The MK-012 is a multi-capsule condenser microphone intended for use in sound recording, broadcasting and sound reinforcement.

#### Using the Microphone:

The microphone must be plugged into a source capable of providing 48V phantom power from a balanced input with resistance of not less than 1 k $\Omega$  via 3 pin to 3 pin XLR cable, wired in accordance with the current EU or international safety standard. Most professional and semi professional equipment will conform to these requirements.

In order to get the best from your Oktava microphone we recommend observing the following guidelines:

- Do not use the microphone in conjunction with jack / mini jack inputs unless going through a dedicated balanced input pre amplifier first.
- Protect your Microphone from humidity and moisture as these can irreversibly damage the precision engineered capsule of the microphone.
- Use a pop shield when using the Microphone for close up vocals.
- Ensure that the microphone is properly earthed before use, this means checking that no connections are loose I not screwed up tightly
- Never plug in the microphone and turn on phantom power until the capsule is attached.
- Always use in conjunction with the best quality equipment you can.

#### The Microphone parts explained:

1. Cardioid Capsule: For wide range pick up in front of the microphone. Ideal for Vocal use and many studio applications.
2. Hyper-cardioid Capsule: For a more directional pick up, useful for pinpointing a sound source and excluding unwanted nearby noise.
3. Omni-directional Capsule: Will pick up sounds from all directions around the Microphone.
4. -10 dB attenuation pad: To be screwed in between the body and the capsule to reduce the microphones sensitivity by 10 dB. Useful when miking a particularly loud sound source such as a guitar cabinet at high volumes etc to achieve a more manageable signal.
5. Preliminary amplifier: The body of the Microphone, amplifies the sound picked up from the capsule to bring the output to the correct level for use in conjunction with the balanced input of a mixer.

#### Troubleshooting:

**Humming or Buzzing sound:** Microphone may not be earthed, check connections are tightly done up, check the cable you are using, check mains connections of all equipment in the chain, check XLR polarity.

**No signal at all:** Check phantom power is on, and is supplying 48V Check XLR cable/ polarity (i.e. correctly wired)

**Spitting/Rumbling/Bubbling sound:** Capsule may have been subjected to too much moisture, this can happen to all condenser microphones and can only be cured by letting the capsule dry out in a warm dry place. WARNING! Though a hair dryer will do the trick it will prematurely age the Microphone, and increase the future susceptibility to problems.

The microphone is guaranteed for a period of 24 months from the date of manufacture. There is no need to return any guarantee forms.

**WARNING! TAMPERING WITH OR OPENING THIS MICROPHONE NEGATES YOUR WARRANTEE, WE CANNOT REPLACE OR REPAIR MICS THAT HAVE BEEN ALTERED IN ANY WAY OR OPENED**

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