QDM-15S

Professional Dynamic Microphone

Wired handheld microphone | Unidirectional pickup | Vocal and speech applications



Front and rear views of the QDM-15S

MODEL	TYPE
QDM-15S	**Dynamic handheld microphone**

Read this manual before use. Keep it for future reference.

Important Safety Information

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Hearing and feedback safety
Set microphone channel levels low before connecting equipment. Increase volume gradually and avoid pointing the microphone towards loudspeakers.

Connection safety: Connect the microphone only to a suitable microphone input using a compatible cable. Mute or lower the channel before connecting or disconnecting.

Care and environment: Avoid dropping the microphone or striking the grille. Protect it from rain, splashes, excessive humidity, extreme heat and direct sunlight.

Cables and handling: Do not use a damaged cable. Keep cables away from walkways and other trip hazards. Do not pull equipment by the cable.

Cleaning and servicing: Switch off or disconnect the microphone before cleaning. Use a soft, dry cloth. Do not open or attempt to repair the microphone.

Product Overview

The Q-Audio QDM-15S is a wired dynamic handheld microphone designed for vocal performance, karaoke, speech and general-purpose sound reinforcement. Its unidirectional pickup pattern helps focus on sound arriving from the front of the microphone while reducing pickup from other directions.

Key Features

- Dynamic microphone capsule with a unidirectional pickup pattern.
- 50 Hz to 16 kHz specified frequency response.
- Designed for handheld vocal and speech use.
- Integral on/off switch for convenient muting.
- Includes microphone holder, audio cable and zip bag.

Package Contents

Item	Quantity
QDM-15S microphone	1
Microphone holder	1
Audio cable	1
Zip bag	1

Setup and Operation

Before connecting the microphone, make sure the sound system is ready and the intended microphone input is turned down or muted.

1

Connect the cable. Connect the supplied audio cable securely to the microphone and to a suitable microphone input on the mixer, amplifier or other audio equipment.

2

Check your audio system. Select the microphone input channel and start with the gain and output level at a low setting.

3

Switch the microphone on. Move the microphone's on/off switch to ON, then speak or sing into the front of the grille.

4

Set the level. Raise the input gain and channel level gradually until the desired sound level is reached without distortion or feedback.

5

Finish safely. Mute the audio channel or reduce its level before switching the microphone off or disconnecting the cable.

Microphone Position and Technique

- Aim the microphone towards the sound source and away from unwanted sound.
- Position it as close as practical to the performer or speaker. Working closer may increase bass response.
- Use one microphone per sound source where practical, and keep the total number of open microphones to a minimum.
- When several microphones are in use, position each microphone approximately three times further from other microphones than from its intended source (the 3:1 rule).
- Keep microphones away from strongly reflective surfaces where possible.
- Handle the microphone gently to minimise handling noise.

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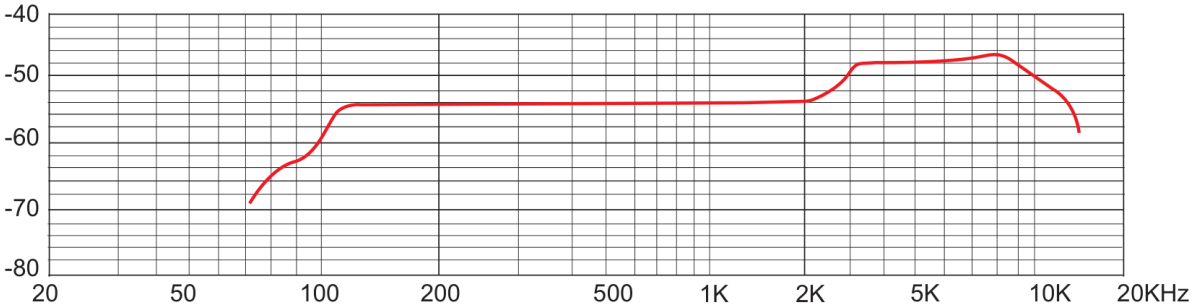
Outdoor and close-up use
A suitable foam windscreen can help reduce wind and breath noise. The microphone is not specified as waterproof, so protect it from rain and moisture.

Technical Datasheet

Specification	QDM-15S
Microphone element	Dynamic
Polar pattern	Unidirectional
Frequency response	50 Hz–16 kHz
Sensitivity	−54 dB ±3 dB (0 dB = 1 V/Pa at 1 kHz)
Output impedance	500 Ω ±30% (at 1 kHz)

Frequency Response

The frequency-response graph below is reproduced from the supplied product documentation.



Frequency Response Graph

Maintenance and Storage

- Wipe the microphone body and grille gently with a clean, dry cloth.
- Avoid solvents, abrasive cleaners and liquid entering the grille or switch.
- Disconnect and coil the cable without sharp bends. Store the microphone in its bag in a dry place.
- Inspect the cable and microphone before each use. Stop using the product if damaged.

Troubleshooting

sue	Check
o sound	Check the on/off switch, both cable connections, the selected microphone input and the channel gain/level.
istorted sound	Reduce the input gain and check for an overloaded microphone preamplifier.
eedback / howling	Move the microphone away from loudspeakers, reduce levels and avoid aiming the grille at the PA.

Specification notice Specifications and product appearance may be updated without prior notice.