

Univox[®] Microphones

For Hearing Loop Systems



Electret microphones for every application

The input to a loop system is critical to its performance. Our comprehensive range of compatible electret microphones provide the installer with the flexibility to match the most suitable type of microphone to the application.

Electret (condenser) microphones have a high sensitivity and are immune to magnetic fields making them ideal for use with hearing loops. However, they do need phantom power (a bias voltage) to operate. All our hearing loop amplifiers offer 12 V phantom power making them compatible with our entire microphone range power.

In situations where wireless microphones are required we are pleased to offer the Okayo range of professional wireless microphone systems. For more information, visit one of our listed websites.

Type of microphone	Name	Part No
Tie-clip	LM-90A	581050
Handheld	NX-9	241205
Goose neck	Univox M-2	241602/241604
Wall mounted	AVLM5	242420
Ceiling mounted conference	ClearOne CMA	241350



Univox[®] Microphones - Product Overview

Tie-clip microphone LM-90A

Our tie clip microphone is a relatively low cost option. The microphone should be clipped to the clothing close to the neck such as the lapel or tie. The user must try to face the same direction when speaking as a change in mic to mouth distance can affect the resulting volume even though all our amplifiers feature our unique dual action AGC which provides some degree of compensation. In situations where the background noise is high, a more closely coupled microphone to the speaker's mouth such as a head set microphone is required.

Part No	581050
Type	Electret condenser capsule, tie-clip
Polar pattern	Omni-directional
Frequency range	70-13,000 Hz
Sensitivity	-45 dB re V/Pa
Bias voltage	1-10 V DC phantom power
Cord length	1.1 m
Connector	3.5 mm plug
Dimension	Ø 10 mm / L 16 mm
Weight	35 g
Color	Black with black cord
Accessories included	Windshield (black), tie-clip (black)



Handheld microphone NX-9

The NX-9 hand held microphone is fitted with a directional cardioid capsule for good back ground noise rejection. The metal casing is robust, easily wiped clean and comfortable to hold. With the table and floor stand accessories it can be used in a fixed location such as a stage or podium but will also allow the presenter to roam within the limits of the connecting cable.

Part No	241205
Type	Electret condenser capsule, handheld
Polar pattern	Directional cardioid, rotationally symmetrical around microphone axis
Frequency range	60-18,000 Hz
Sensitivity	-70 dB re V/Pa
Bias voltage	9-52 V DC phantom power
Cord length	Cord not included, must be ordered separately
Connector	XLR plug
Dimension	Ø 23-37 mm / L 190 mm
Weight	190 g
Color	Blue metallic body with steel grill
Accessories included	Microphone holder (black)



Goose neck microphone Univox M-2

The Univox M-2 is a small and elegant goose neck microphone, particularly suited to across the counter situations. The microphone's high sensitivity provides for a good speech level, even if the speaker is not close to and/or directly in front of the microphone.

Part No	241602 3.5 mm plug / 241604 XLR plug
Type	Electret condenser capsule, goose neck
Polar pattern	Omni-directional
Frequency range	50-18,000 Hz
Sensitivity	-65 dB re V/Pa
Bias voltage	9-12 V DC phantom power
Cord length	1.8 m
Connector	3.5 mm plug, stereo / XLR plug
Dimension	Base Ø 80 mm / H 270 mm
Weight	300 / 320 g
Color	Black with black cord
Accessories included	Windshield (black)





Wall mounted microphone AVLM5

AVLM5 is designed for use in across the counter systems such as teller windows, information centers, ticket booths and other glass partitioned environments. It can also be attached to a computer display or alike. Installation is quick and simple using the Velcro pads provided. AVLM5 has a very linear frequency pattern and an omni-directional characteristic for enhanced speech intelligibility. The elegant microphone in metal also delivers strongly reduced hum level.

Part No	242420
Type	Electret condenser capsule, attachable
Polar pattern	Omni-directional
Frequency range	50-18,000 Hz
Sensitivity	-54 dB re V/Pa
Bias voltage	6-12 V DC phantom power
Cord length	3 m
Connector	3.5 mm plug, mono
Dimension	Ø 42 mm / H 15 mm
Weight	67 g
Color	Graphite with black cord
Accessories (included)	Adhesive Velcro cushions



Ceiling mounted conference microphone ClearOne CMA

CMA is a professional ceiling mounted conference microphone with three interacting microphone elements (array). Mounted for example above a conference table, it provides exceptional sound quality with a 360 degree coverage combined with an unobtrusive design. The three unidirectional microphone elements effectively reduces reverberation and background noise. As the adaptor cable for ClearOne CMA has three outputs (XLR connectors) it has to be completed with a mixer board.

Part No	241350
Type	Electret condenser capsule, ceiling mounted
Polar pattern	Cardioid 120° vertical pick-up and 360° horizontal pick-up
Frequency range	100-12,000 Hz
Sensitivity	-19 dB re V/Pa (114mV/Pa)
Bias voltage	12-52 V DC
Cord length	7.6 m CAT5e cable (max 90 m)
Connector	Mini XLR / RJ45
Dimension	Ø 38 mm / H 84 mm
Weight	1 kg
Color	White
Accessories (included)	Mounting assembly, 30 and 60 cm connection cable 4-pin mini XLR; RJ45 plug/RJ45 plug CAT5e cable; RJ45 jack/ 3 x XLR plug mixer adaptor cable and white grommet



Microphone/line mixer board MMX-602/SW for ClearOne CMA

Microphone line mixer with 6 line inputs and adjustable automatic talkover.

Part No 600600

Microphone line mixer, 6 channels; 6 stereo line inputs, 6 balanced mono microphone inputs, switchable

Adjustable automatic talkover (-12 dB), switchable for channel 1 or channels 1+2

Balance control for each stereo input channel; 3-way equalizer

12 V phantom power can be switched on additionally

LED VU meter, peak LED

Master and Record output; Output can be switched stereo/mono

Adjustable headphone output

482 mm (19") rack installation, 1 RS



Accessories

Part No	Description
247103	Table stand for NX-9 handheld microphone, Ø 100 mm, H 100 mm
584371	M-100, Microphone floor stand, H 1000-1760 mm, arm 800 mm
281017	Microphone cable, XLR plug to XLR socket, 2 m
281018	Microphone cable, XLR plug to XLR socket, 6 m

Various windshields and tie-clips are also available as spare parts.



The User Guide, Installation Guide and Certificate of Conformity are available on both of our websites for download.