

技术咨询和询价：010-68940148

Mikron3 Operational Guide

Quick Reference Guide – IXD-743-QRG-044/4.1

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Sensors

The listening rod is used for direct listening at pipe fittings such as valves and hydrants.

The ground microphone is for surface listening and contains a suspended high-performance sensor. Communication with both sensors is wireless.

Sensor Pushbutton and LEDs

FUNCTION	OPERATION
Turn On	Press and hold the button on the sensor for 3 seconds. The green LED in the button will illuminate. The connection LED will flash until the radio link is connected; then this LED shows green to indicate the link with the processor.
Turn Off	Press and hold the button on the sensor for 3 seconds and all the LEDs will go off and the unit will switch off.
Battery Level Test	Momentarily press and release the button when the unit is off to test the battery. The LED in the pushbutton will show green or red.

LED	FUNCTION
LED in button	Green when the sensor is on . Red when the battery needs charging.
Radio Link	Green when linked to processor unit; flashing when link is not connected.

Mini Processor

Listening Modes

There are two listening modes, Push-to-Listen and Toggle Mode. The mode is set when you turn the mini processor on. Then turn on the ground microphone or listening rod, the wireless link will be established and the network status LED on the mini processor will show connection is established.

Push to Listen Mode

To turn on press and hold both the up and down volume buttons together until the LEDs come on. Position the sensor as required and press the listen button to listen for leak noise.







Toggle Mode

To turn on press and hold all three buttons together until the LEDs illuminate. Position the sensor. Press and release the listen button once for continuous listening, press again to turn the sound off.

Turn Off

To turn off press and hold the up and down volume buttons until the unit turns off.



	ITEM	FUNCTION
	Up Volume (Black)	Press to increase the volume
	Down Volume (Black)	Press to decrease the volume
	Listen (Green)	Press to listen or toggle press to listen mode
	Listen LED	OFF=Muted ON=Listening Flashing=Hearing Protection on
	Battery LED	Green=OK Red=<10% battery Charging; Red=charging, off=charged
	Network Status LED	Green=Linked Flashing Green = No link / Pairing Flashing Red = Fault

Pro Processor

Switching On and Off

To turn on hold down both Listen buttons for a few seconds; the screen will light up. To turn off, hold down both Listen buttons for a few seconds until the screen turns off.

Listening Modes

The Pro has two operational listening modes, Push-to-Listen and Toggle. To change modes hold down both Up and Down buttons for a few seconds. The screen will dim, indicating that the mode has changed.



	ITEM	FUNCTION
	Listen Button (Left)	Press to listen if in press-to-listen mode, or toggle listening if in toggle mode.
	Up Button	Press to increase the volume, gain or high/low pass filter (as selected).
	Down Button	Press to decrease the volume, gain or high/low pass filter (as selected).
	Return Button	Press to toggle between options. The selected option (as indicated below) is displayed. Hold to switch in/out of Logging mode
	Right Button	Saves the current minimum noise level. Hold to clear the graph.
	Listen Button (Right)	Press to listen if in press-to-listen mode, or toggle listening if in toggle mode.

Processor Display

ICON/GRAPHIC	ITEM	FUNCTION
	Noise Level Display	Black bars show minimum noise levels with values above. White bar shows current sound level (un-saved).
	Battery Icon	Shows the battery state. Icon flashes when battery is low.
	Radio Link	Static = Linked. Flashing = Attempting to Link.
	Volume	Shows Volume level. Use the Up and Down buttons to increase or decrease the volume to the headphones.
	Sensor Gain	Shows the selected level of Gain from the sensor. Use the Up and Down buttons to increase or decrease the gain.
	Low Pass Filter	Shows the maximum frequency (Hz). Use the Up and Down buttons to increase or decrease.
	High Pass Filter	Shows the minimum frequency (Hz). Use the Up and Down buttons to increase or decrease.