

# Electret Condenser MS Stereo Microphone

#### DESCRIPTION

The ECM-957PRO is a MS (Mid-Side) stereo electret condenser microphone with switchable directional characteristics (90° or 120°) and high sensitivity. This microphone offers a unique adjustable capsule that allows for a choice of vertical or horizontal sound pick-up. The ECM-957 PRO mic has a built-in MS decoder providing a conventional left and right stereo output. The Mid-Side stereo mic capsules offer natural sound pick-up with superb clarity. The supplied mic cable includes a 5-pin XLR (on the mic end) with a stereo mini (1/8″) connector on the output end. The ECM-957PRO microphone operates on a single AA size battery with a battery life of approximately 200 hours.

## HIGHLIGHTS

- $\cdot$  MS (Mid-Side) stereo microphone offers switchable directivity (90° or 120°)
- Adjustable mic capsule allows for a choice of vertical or horizontal sound pick-up
- Built-in MS decoder provides conventional left and right stereo output
- Microphone cable supplied with 5-pin XLR cable (on the mic end) with a stereo mini (1/8") connector on the output end
- Operates on a single AA size battery with a battery life of approximately 200 hours.

#### PRELIMINARY

## **ECM-957PRO SPECIFICATIONS**

| Specifications                     | Detail  |
|------------------------------------|---|
| Capsule Type                       | Electret Condenser  |
| Stereo Type                        | MS (Mid-Side) Stereo  |
| Directivity                        | Unidirectional x 2 (Directive angle 90° or 120° switchable)   |
| Frequency Response                 | 50 - 18,000 Hz  |
| Sensitivity (directive angle 120°) | -37 dB (0 dB =1 v/PA, 1,000 Hz (1 Pa = 10 ubar = 94 dB SPL)   |
| Output Impedance                   | 600 Omh +/-30% unbalanced   |
| Signal to Noise Ratio              | More than 69 dB   |
| Dynamic Range                      | More than 90 dB   |
| Maximum Sound Pressure Level       | More than 115 dB SPL  |
| Power Requirements                 | One AA size batter provides approximately 200 hours operation   |
| Operating Temperature Range        | 32°F to 104°F   |
| Weight                             | 11.7 oz (including battery and cable)   |
| Dimensions                         | 1 5/8" x 7 ¼" (projecting parts and controls not included)  |
| Supplied Mic Cable                 | 4 mm diameter, two core-shielded OFC (Oxygen-Free-Copper) cord with Canon XLR 5-12C type connector and gold plated L-shaped stereo miniplug; 2 meter length |

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