

## ECM-678

Electret Condenser Microphone

The Sony ECM-678 is a short shotgun, electret condenser-type microphone, which delivers outstanding sound performance in all field production and broadcast studio applications. It is also well-suited for use on Sony professional camcorders such as the HDV™, DVCAM™ and XDCAM™ Series. The ECM-678 offers excellent sensitivity, low inherent noise and extreme durability. Its highly directional response allows clear voice pick-up even in the most demanding of environments, while the built-in low-cut filter switch helps to reduce unwanted pop and wind noise encountered in the field. With its high-performance and durability, the ECM-678 microphone is the perfect choice for quality-critical sound acquisition applications.



### Features

#### Superb Sound Quality

The ECM-678 is equipped with a newly developed microphone capsule, which delivers superb sensitivity of -28dB (0dB=1 V/Pa.) and an extremely low inherent noise of less than 16dB SPL. This provides the clearest pick-up of even the faintest sounds at long distances.

#### Flat-and-wide Frequency

The ECM-678 microphone has a flat-and-wide frequency response (40Hz to 20kHz) and will provide sound reproduction that is extremely smooth and natural.

#### Compact Design

The ECM-678 has been specially designed to meet the needs for a compact yet high-performance shotgun microphone. The result is a highly directional microphone that is only 250 mm in length.

#### High-durability and Reliability

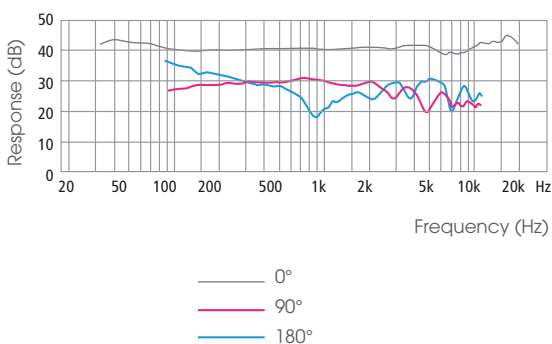
The vibration-resistant mechanism of the ECM-678 offers high-durability and reliability, making it suitable for the harshest environments encountered in the most demanding of sound acquisition scenarios.

#### Built-in Low-cut Filter

The built-in two-position (M, V) low-cut switch provides users with a simple method of reducing the effects of undesired ambient noise.

### Characteristics

#### Frequency Response Characteristics



#### Directivity Characteristics

