



## evolution wired e 965



### DELIVERY INCLUDES

- e 965
- pouch
- MZQ 800 microphone clamp
- quick guide
- safety guide

### ARCHITECT'S SPECIFICATION

The vocal microphone shall be an externally polarized large dual-diaphragm AF condenser with a switchable pick-up pattern (cardioid/super-cardioid). It shall have a rugged metal body and a shock-mounted capsule and shall be fitted with a low cut switch and a sensitivity switch (0 dB, -10 dB).

The frequency response shall be 40 Hz – 20,000 Hz. The sensitivity (free field, no load) shall be 7 mV/Pa at 1 kHz or 2.3 mV/Pa at 1 kHz with preattenuation. Nominal impedance shall be 50  $\Omega$ , with a min. terminating impedance of 1 k $\Omega$ . Maximum SPL shall be 142 dB or 152 dB with preattenuation. Equivalent noise level shall be 21 dB.

The microphone shall operate on 48 V phantom power and shall provide a 3-pin XLR connector. Operating temperature shall range from 0 °C – 40 °C (32 °F – 104 °F). Dimensions shall be 48 x 199 mm (1.89" x 7.83"). Weight shall be 396 grams (13.97 oz).

The microphone shall be the Sennheiser e 965.

The e 965 is Sennheiser's first large-diaphragm, true condenser handheld microphone. The innovative 1" dual-diaphragm capsule means you can access both cardioid and super-cardioid polar patterns with the flip of a switch. Ideal for every vocal application, the e 965 truly combines the sensitivity of a world-class studio condenser with the ruggedness our customers demand from a Sennheiser evolution stage microphone.

### FEATURES

- Switchable pick-up pattern (cardioid/super-cardioid)
- Low cut switch
- Switchable preattenuation (- 10 dB)
- Highly effective, integral acoustic pop and windshield
- Effective protection against moisture
- Shock-mounted capsule provides excellent suppression of handling noise

### SPECIFICATIONS

|                                       |                                                             |
|---------------------------------------|-------------------------------------------------------------|
| Transducer principle                  | externally polarized dual diaphragm AF condenser microphone |
| Membran diameter                      | 25.4 mm/1"                                                  |
| Frequency response                    | 40 - 20,000 Hz                                              |
| Pick-up pattern                       | cardioid/super-cardioid, switchable                         |
| Sensitivity (free field, at 1 kHz)    | 7 mV/Pa                                                     |
| with pre-attenuation                  | 2.3 mV/Pa                                                   |
| Nominal impedance (at 1 kHz)          | 50 $\Omega$                                                 |
| Min. terminating impedance            | 1 k $\Omega$                                                |
| Maximum sound pressure level (passiv) | 142 dB                                                      |
| with pre-attenuation                  | 152 dB                                                      |
| Equivalent noise level                | 21 dB (A)                                                   |
| Phantom powering                      | 48 V / 3.5 mA                                               |
| Connector                             | XLR-3                                                       |
| Temperature range                     | 0 °C to +40 °C                                              |
| Dimensions                            | Ø 48 x 199 mm                                               |
| Weight                                | 396 g                                                       |

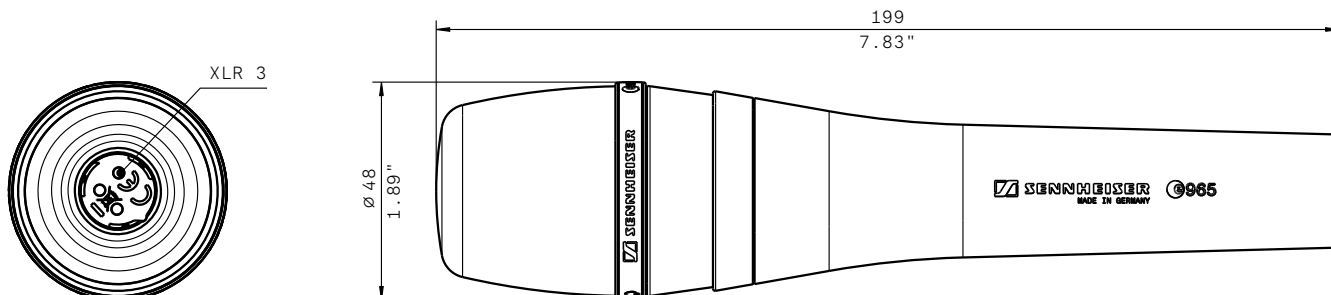
### ACCESSORIES

|            |                             |                 |
|------------|-----------------------------|-----------------|
| MZQ 800    | Microphone clamp            | Art. no. 576183 |
| MZW 4032-A | Foam windshield, anthracite | Art. no. 002978 |
| MZW 4032-C | Foam windshield, blue       | Art. no. 002980 |



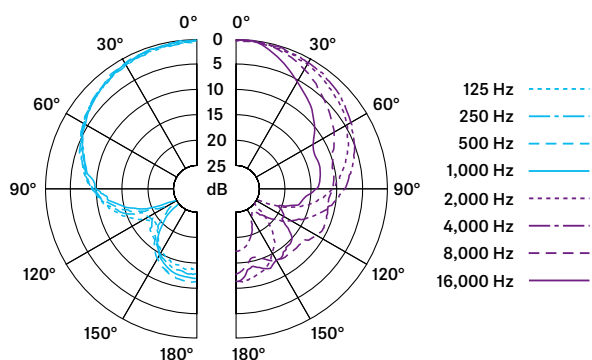
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## DIMENSIONS



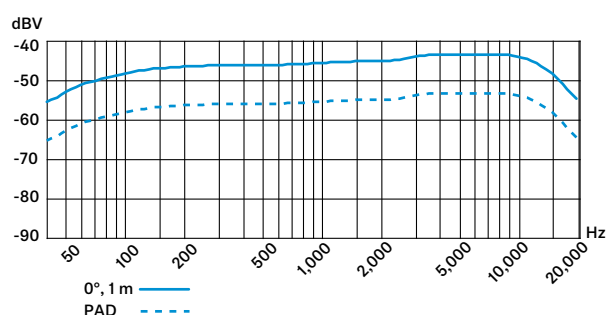
## POLAR PATTERN

### Superniere / super-cardioid

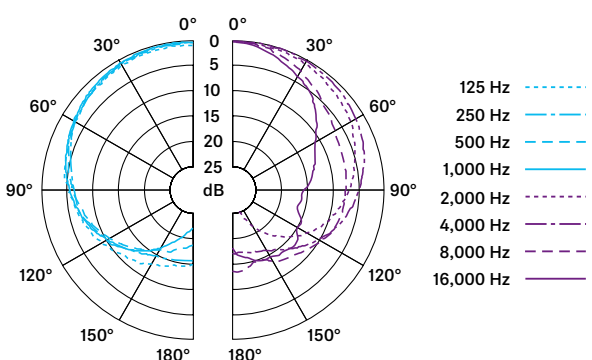


## FREQUENCY RESPONSE

### Superniere / super-cardioid



### Niere / cardioid



### Niere / cardioid

