



Microphone

7A766



Overview

The Edwards Model 7A766 Touch-To-Talk Microphone and Stand is a desk unit ideal for paging and communications in applications such as bowling lanes, restaurants, schools, and dispatching operations. The microphone has an on/off switch operated via a fingertip control bar that provides momentary or locking switch operation. For momentary operation, press the bar and pull it forward. Moving the bar back and releasing it unlocks the switch. The on/off switch includes a set of contacts prewired for remote relay operation. The height of the microphone is adjustable and it is made of high impact ARMO-DUR® which will not crack, peel, rust, or dent. The microphone can be used in high or low impedance applications and has a switch on the underside of the base for selecting the impedance required.

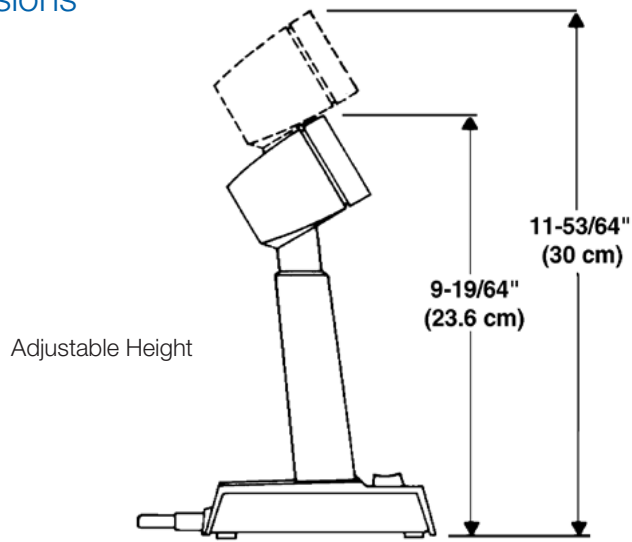
Standard Features

- Dual impedance with selector switch
- Adjustable microphone height
- Armo-dur base and microphone case
- Fingertip control bar-locking or non-locking action

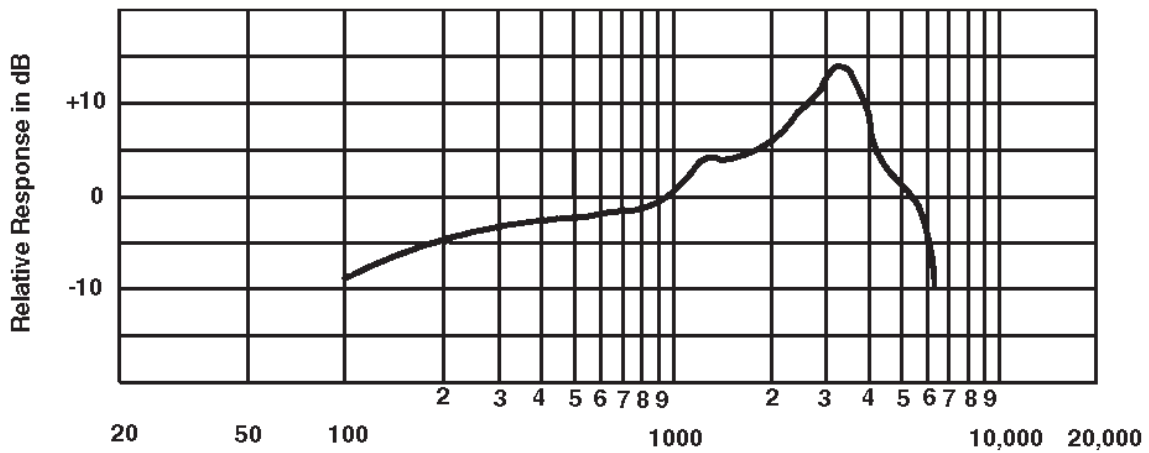
Engineers' Specification

The desk microphone shall be Edwards Model 7A766 or approved equal. The microphone shall be an omnidirectional, CONTROLLED MAGNETIC® type with a frequency range of 200Hz to 5,000Hz. It shall offer dual, 225 or high impedance operation with a selector switch. The output level measured as open circuit voltage shall be 0.14mV (-77.0 dB) for low impedance operation and 1.78mV (-55.0dB) for high impedance operation where 0dB = 1V per microbar. The base and microphone case shall be made of high impact ARMO-DUR. The microphone shall include an on/off switch operated by a fingertip control bar. The bar shall provide momentary or lock-on operation of the switch. The switch shall include contacts prewired for remote relay operation. The microphone shall be equipped with a non-detachable, 7-foot (2.1 m), four conductor cable having two conductors shielded. The microphone shall be 9-19/64 inches (23.6 cm) high, 4 inches (10.2 cm) wide, 5-11/16 inches (14.4 cm) deep, and 11-53/64 inches (30 cm) high when fully extended. It shall weigh 1 lb 10 oz (736 g) net.

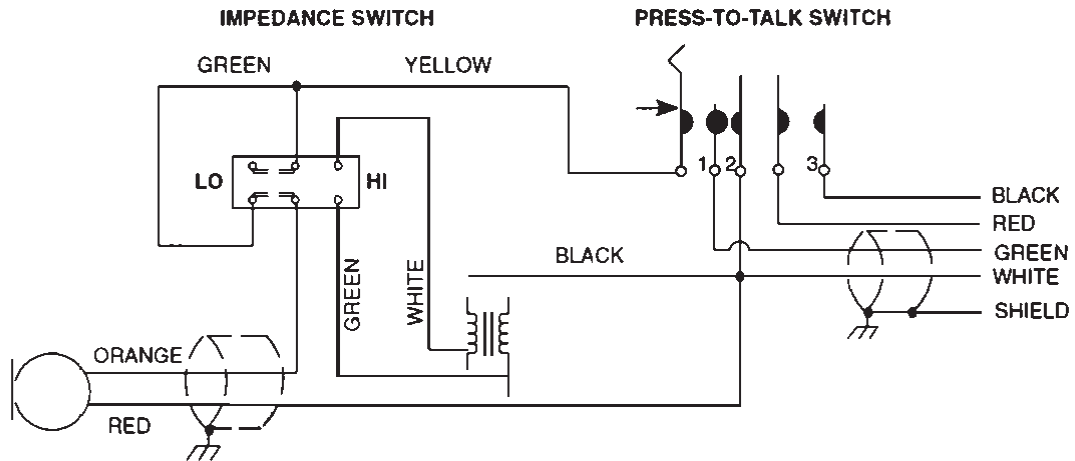
Dimensions



Typical Frequency Response



Circuit Diagram



Specifications

Type	Controlled Magnetic
Switch Circuits	Microphone: normally closed Relay: normally open (see Figure 2)
Polar Pattern	Omni-directional
Dimensions	9-19/64" (23.6 cm) high, 4" (10.2 cm) wide, 5-11/16" (14.4 cm) deep; 11-53/64" (30 cm) high when fully extended
Frequency Range	200Hz to 5,000Hz
Finish	Two-tone gray ARMO-DUR
Impedance	225 Ohms or high
Net Weight	1 lb 10 oz. (736 g)
Output Level (At 1000hz)	Open Circuit Voltage: 0.14mV (-77.0dB) low impedance 1.78mV (-55.0dB) high impedance (0dB = 1 volt per microbar)
Shipping Weight	2 lb 4 oz (1,020 g)
Controls	Touch-to-talk control bar with lock-on operation, wired for remote relay operation; high/low impedance selector switch
Termination	7' (2.1 m) cable (four conductor, two shielded), non-detachable

Ordering Information

7A766	Touch-to-talk Microphone And Stand
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