OMNITRONIC HM-1000 Wireless microphone

Hand-held microphone with PLL multifrequency transmitter

Art. No.: 13055090

GTIN: 4026397142747

The article is no longer in our assortment.

Description:

Professional features for professional use
Who does not know the problems caused by anxious users: the presenter starts switching on and off the microphone, tests the signal transmission by knocking on the cover and making wild announcements or even changes the frequency. Thanks to OMNITRONIC's HM-1000, these strains on our nerves are over. Due to a special lock function, the user cannot make any changes by himself or even switch the microphone on and off.
The sound engineer can read all microphone operation modes right from the receiver display: is the frequency right, are microphone signals received and is the battery power still sufficient?
In this way, an event can perfectly be prepared and the sound engineer can act immediately if problems occur.
Every OMNITRONIC HM-1000 comes with 8 different colour caps so that every frequency can individually be marked. After making the necessary adjustments simply attach the colour cap to the end of the microphone body.
All necessary adjustments can easily be carried out via micro buttons. All modes are indicated on the LC-display.
If the signal strength at the receiver is too high, the microphone gain can be adjusted in 4 steps: 0, -10, -20 and -30 dB.
The metal housing of the HM-1000 is very rugged and could not be destroyed by falling one meter.

Features:

- Provides high-quality vocal and voice pickup for stages, discotheques, public speaking, theater etc.
- Dynamic microphone cartridge
- Operation in the low-interference UHF band (790.000-814.000 MHz)
- 193 carrier frequencies switchable in 125 kHz steps

Logistic

EAN / GTIN: 4026397142747
Weight: 1,24 kg
Length: 0.37 m
Width: 0.17 m
Heigth: 0.09 m

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- Operation range 100 meters
- Matches receiver DR-1000 with the same carrier frequency
- System expandable to up to 16 receivers with 16 microphones
- LCD for battery status and frequency
- Sensitivity adjustable in 4 steps (0, -10, -20, -30 dB)
- Lock function avoids undesired changes by users
- Mute mode when signal is absent or too weak
- Aluminum diecast housing
- Operation via 2 x 1.5 V mignon batteries (type AA)
- Delivery includes plastic case, microphone holder and 8 color caps for distinction of the individual mics on stage

Technical specifications:

Capsule type:	Dynamic
Battery:	2 x 1.5 V AA Mignon LR06 alkaline manganese included
Frequency range:	50 - 18000 Hz
Frequency band:	UHF
Dimensions:	Length: 26 cm Diameter: Ø 4 cm
Type:	Hand-held dynamic microphone
Directivity pattern:	Cardioid
Sensitivity:	0, -10, -20, -30 dB
Carrier frequency:	UHF 790.000-814.000 MHz
Channel 61:	790.100-797.900 MHz
Channel 62:	798.100-805.900 MHz
Channel 63:	806.100-813.900 MHz
Modulation:	FM
Frequency stability:	±0,005 %
T.H.D.:	<1 % at 1 kHz
Tone signal:	32.768 kHz
S/N ratio:	60 dB
Maximum deviation:	±48000 Hz
RF power output:	<10 mW
Coverage:	100 m (with line-of-sight)
Current consumption:	approx. 100 mA
Dimensions:	40 x 260 mm
Weight:	420 g

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