

INVOTONE DM-1000 is the flagship among all INVOTONE dynamic microphones. The ideal exterior, clear & bright sound as well as the reasonable price ratio make this "workhorse" the most favorite music lovers' equipment.

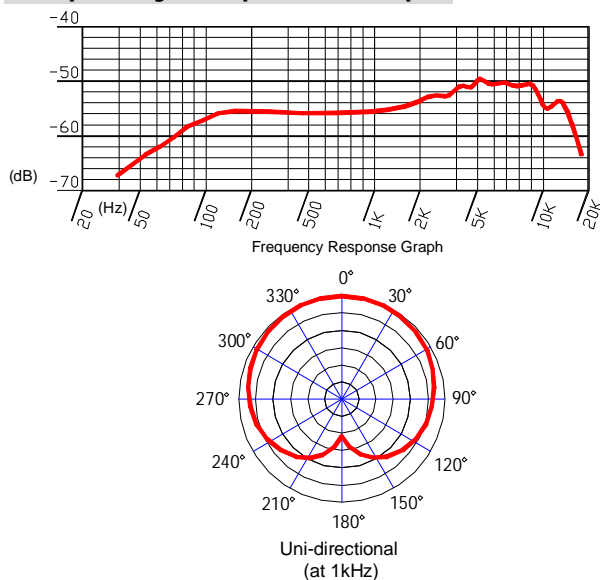
It adopts a cartridge with a transformer and a low impedance aluminum coil construction. With its special design based on modern acoustic theory, it features very clear sound at intermediate frequency, the ideal presence peak as well as the cardioid pickup pattern, which reduces to minimum the ambient noise and background feedback. It can also handle very high sound pressure levels (over 135dB) with ease and reduce the pickup of low-frequency ambient noise (i.e. on stage show etc.). It also allows undistorted reproduction of high sound pressure level signals at all frequencies, which makes it an ideal choice for not only onstage performances, instruments amplifying but also professional applications such as radio recording and public addresses.

Easy to use magnetic-reed ON/OFF switch prevents it against any pop noise. The microphone is provided with the 6m long shielded and balanced cable with two cores.

Specifications:

Element: Dynamic
 Polar Pattern: Uni-Directional
 Frequency: 50Hz~16kHz
 Sensitivity: -55dB±3dB(0dB=1V/Pa at 1kHz)
 Output impedance: 400Ω±30% (at 1kHz)
 Net weight: 350g

Frequency Response Graph:

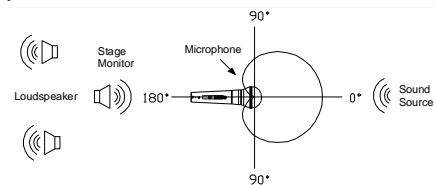


Connecting and disconnecting the microphone cable:

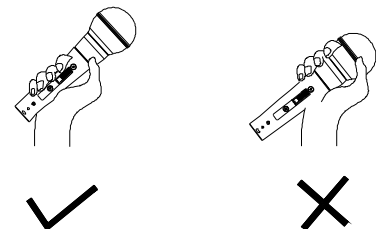
1. Insert the XLR connector into the microphone. If necessary, rotate the connector to align the key on the connector and the groove in the microphone. Push the connector into the microphone until it clicks.
2. To disconnect the cable and microphone, grasp the connector while depressing the tab. Pull the connector away from the microphone.

Usage:

1. For the best Gain-before-feedback and isolation from undesired background noise, aim the microphone, toward the sound resource and away from undesired sound resource.



2. Do not cover any part of the grille with your hand, covering the grille alters the sound and distorts the polar pattern increasing the chance for feedback.



Cautions:

1. If the head of the microphone is covered by hand or brought close to the speaker, a howling sound may be generated. To prevent this, first decrease the volume, then place the microphone so that it is not pointed to the speaker and that there is a sufficient distance between the microphone and speaker.
2. It is important to keep foreign particles out of the grill and the windscreen because they may alter the frequency response of the microphone. The grill shall be periodically cleaned using warm, soapy water, rinsed with plain water and let dry before replacing.
3. Due to the high sensitivity of the cartridge, do not drop it from high or apply strong shock to it.
4. To maintain the sensitivity and quality of sound reproducing, avoid exposing it to moisture and extreme temperatures.