

## High Performance Condenser Microphone

### TD-1 SERIES



#### Sleek Design

Fully upgraded form and operation



#### Superb Sound

Excellent frequency response from 20 Hz to 20 kHz



#### Greater Pickup

Clear voice pickup with greater range



#### Minimized Noise

Lower ambient noise Less plosive pops



▲ TD-1 High Performance Condenser Microphone  
(Column / Gooseneck)

## OVERVIEW

TD-1 Series High Performance Condenser Microphone is a top-notch performance condenser microphone launched by TAIDEN.

Its superior audio performance and elegant lines make it stand out among its counterparts.

## Upgraded Appearance

- Sleek and modern design
- Durable aluminum enclosure
- Well balance between form and function
- Adjustable microphone pitching angle
- Tactile On/Off button and ring indicator
- Column and gooseneck microphone available



## FEATURES

- Thin and light microphone diaphragm brings superior frequency response and excellent sound quality
- 22 mm condenser capsule with greater pickup distance. Speakers are no longer limited to close distance
- Low cut reduces microphone popping and ambient noise
- DIP switch for flexible setting of the On/Off button
- Excellent immunity to RF interference from mobile phones
- Aim for contribution to professionalism of events

## SPECIFICATIONS

	Column Microphone	Gooseneck Microphone
Power Supply	Phantom power 24 V ~ 52 V, 8 mA	Phantom power 24V ~ 52 V, 4 mA
Output Impedance	280 Ω	100 Ω
Capsule	22 mm condenser capsule	22 mm condenser capsule
Polar Pattern	Hypercardioid unidirectional	Cardioid unidirectional
Sensitivity	-35 dBV/Pa	-35 dBV/Pa
Frequency Response	20 Hz ~ 20 kHz	20 Hz ~ 20 kHz
Low-cut Roll-off	80 Hz, -18 dB/octave	-
0°/135° Directivity	≥ 20 dB (1 kHz)	-
0°/180° Directivity	≥ 15 dB (1 kHz)	≥ 20 dB (1 kHz)
SNR	79 dBA	79 dBA
Max SPL	136dB@1kHz, THD≤0.5%	136dB@1kHz, THD≤0.5%
Output Connector	3 XLRM-type with 2-meter cable	3 XLRM-type
DIP Switch	Low cut and function setting switch	-
Dimensions (w × d × h)	85 × 135 × 68 mm (base) 232 × 35 × 35 mm (microphone)	HCM-CD39: 390 mm (stem length) HCM-CD47: 470 mm (stem length)
Weight	0.6 kg	HCM-CD39: 146 g (stem weight) HCM-CD39: 150 g (stem weight)
Color	Modern Gray (PANTONE Black 7C)	Black (PANTONE 419C)
Accessories		Foam windshield

## DIP SWITCH SETTING

Function	Description	DIP Switch Setting
LED Ring On	Enable microphone LED ring	LED ON (Factory default setting)
LED Ring Off	Disable microphone LED ring	LED OFF
Push to Talk	Press and hold switch to active microphone, release to mute	MOM + PTT + Manual
Push to Mute	Press and hold switch to temporarily mute microphone, release to active	MOM + PTM + Manual
Push On/Push Off	Press switch to turn on microphone, press again to turn off	TOG + PTT + Manual: to mute microphone when repowered (factory default setting) TOG + PTM + Manual: to activate microphone when repowered

