

# SU-990D Digital Wireless Microphones System 180CH



## SU-990D/HT (Dual Handheld Transmitter)

694.4 TO 702.7 MHz    748.3 TO 757.7 MHz    CH:180 channels    AUTO MUTE Falling Down or Laid Down    UP TO 120M



### FEATURES

- Digital UHF 694.4 ~ 702.7 , 748.3 ~ 757.7 MHz frequency range.
- Frequency response 30Hz ~ 20kHz ±2dB
- Pre-Set 180CH selectable frequencies (CH-A : 20Group (85Channels), CH-B : 20Group (95Channels)).
- True diversity system with 4 antennas.
- Unique digital 16 bits ID pilot technology, no crosstalk disturbance even same frequency.
- IR sync downloading the frequency from receiver.
- Wireless system adopts Intelligentized cryptographic hardware.
- TFT display to indicate frequency AF / RF signal, battery level, Group, Channel and Menu Settings.
- Auto frequency scanning and spectrum display.
- Equalizer 9 Presets : 0, ±3db (Flat / low shelf cut / high shelf cut / high shelf boost / low shelf boost)
- Up to 120 Meters line-of-sight range.
- Auto mute when falling or laid down.
- An efficient battery energy design that allows the microphone to be used continuously for longer periods of time.
- Ideal for large and small stages, clubs music entertainment, conference, meeting, training, speeches and karaoke etc.

### SPECIFICATIONS

#### SYSTEM

Carrier Frequency	UHF 694.4 ~ 702.7 , 748.3 ~ 757.7MHz
Available Channels	180CH CH-A : 20Group (85CH) , CH-B : 20Group (95CH)
Bandwidth	17.9MHz
Dynamic Range	96dB
Total Harmonic Distortion	<0.1%
Frequency Response	30Hz ~ 20kHz ±2dB
Demodulation Mode	DQPSK
Sampling Rate	48 KHz
Audio Output Level	1 x 6.3mm, 1 x XLR balance output

### SPECIFICATIONS

#### SU-990R : RECEIVER

Frequency Response	30Hz ~ 20kHz ±2dB
Power Supply	DC 12V-18V 1A
Consumption Power	4 Watts
Signal/Noise Ratio	96dB
Receiving Sensitivity	-95dBm

#### SU-990HT : Handheld Transmitter

Carrier Frequency	UHF 694.4 ~ 702.7 , 748.3 ~ 757.7MHz
- Frequency range Group A	694.4 ~ 702.7 MHz ;
- Frequency range Group B	748.3 ~ 757.7 MHz
Available Channels	180CH
- Channels A : 20Group	85CH
- Channels B : 20Group	95CH
Bandwidth	17.9 MHz
Frequency Switch	IR SYNC
Microphone Type	Dynamic
Polar Pattern	Cardioid Directional
Frequency Response	50Hz - 18kHz ±3dB
Impedance	600Ω ±30% @1kHz
Sensitivity	-60dB ±3dB (0dB=1V/Pa @1kHz)
Output Power	10mW / 30mW
Harmonic Radiation	<-50dBc
Battery Voltage	3V (2 x 1.5V AA Battery)
Battery Life (Alkaline Type)	approx 8 hours

### ORDERING INFORMATION

SU-990D/HT Dual Handheld Transmitter

- Model : SU-990D/HT Dual Handheld wireless microphone set.

• Specifications are subject to change without prior notification.

Certifications : CE and RoHS / The SU-990D Series conforms to standard NBTC | ETSI EN 300 422-1 , 301 489-9 , EN 62479 , IEC 60950-1