

SOUNDVISION™

SU-990D SERIES

DIGITAL UHF



PROFESSIONAL DIGITAL WIRELESS MICROPHONE SYSTEM

SU-990D SERIES

DIGITAL WIRELESS MICROPHONES



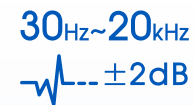
UHF 694.4 ~ 702.7MHz ;
748.3 ~ 757.7MHz



Available channels
180CH : CH-A : 20Group (85CH),
CH-B : 20Group (95CH)



True diversity system
with 4 antennas



Frequency response
30Hz ~ 20kHz $\pm 2\text{dB}$



Up to 120 Meters
Line-of-sight range



Equalizer 9 Preset
0dB, $\pm 3\text{dB}$



Auto mute system when
falling down or laid down



Auto frequency scanning
spectrum display



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

SU-990D SERIES

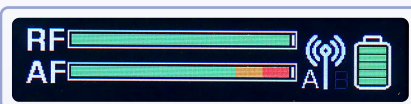
FEATURE

- Digital UHF 694.4 ~ 702.7 , 748.3 ~ 757.7 MHz frequency range.
- Frequency response 30Hz ~ 20kHz ± 2 dB
- 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, ± 3 dB (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.

AUTO MUTE WHEN FALLING DOWN OR LAID DOWN



Auto Mute system When
Falling Down or Laid Down



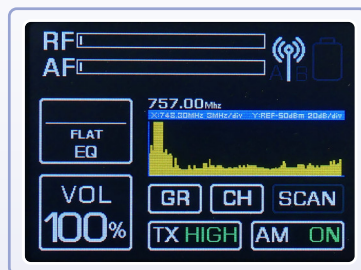
RF : Indicate signal intensity
AF : Indicate audio level
the longer length of the color
and stronger signal.



AUTO FREQUENCY SCANNING AND SPECTRUM DISPLAY

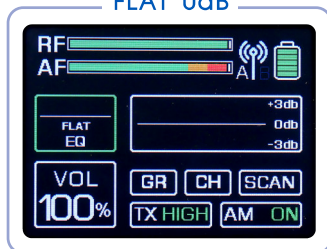
- Digital UHF 694.4 to 702.7 MHz
- Digital UHF 748.3 to 757.7 MHz
- Up to 17.9MHz bandwidth
- up to 180 Channels
 - CH-A : 20Group (85CH)
 - CH-B : 20Group (95CH)

Auto Frequency Scanning
Spectrum Display
Spectrum Analysis of Environmental

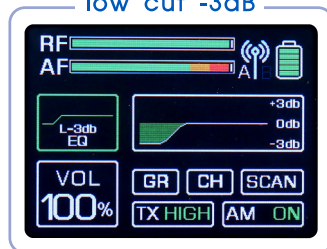


EQUALIZER 9 PRESETS : 0dB, ± 3 dB

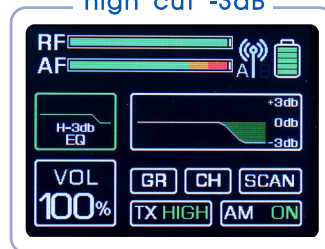
FLAT 0dB



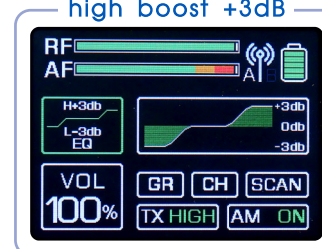
low cut -3dB



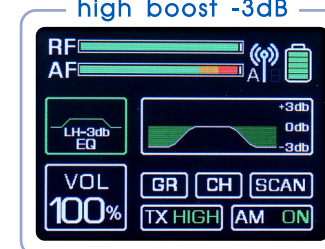
high cut -3dB



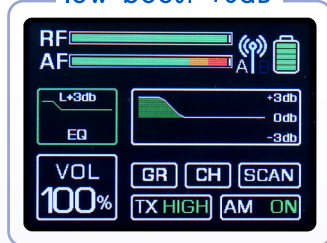
low cut -3dB
high boost +3dB



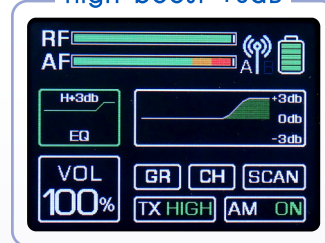
low boost -3dB
high boost -3dB



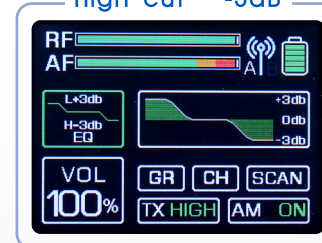
low boost +3dB



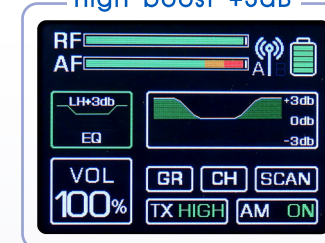
high boost +3dB



low boost +3dB
high cut -3dB



low boost +3dB
high boost +3dB

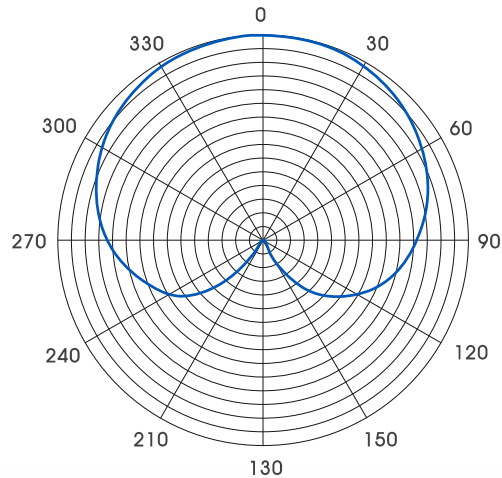


EQ OFF : 0dB
EQ ON : ± 3 dB



SU-990HT

DUAL WIRELESS HANDHELD TRANSMITTER



LCD Display with easy to
navigate menu and controls

ON \ OFF switch control the handheld
microphone of power on, mute and off



- Microphone Type : Dynamic
- Polar Pattern : Cardioid Directional
- Frequency Response : 50Hz - 18kHz ± 3 dB
- Impedance : 600 Ω $\pm 30\%$ @1kHz
- Sensitivity : -60dB ± 3 dB (0dB=1V/Pa @1kHz)
- Auto Mute system When Falling Down or Laid Down
- Rugged metal construction in Black or Nickel finish
- Battery Voltage 3V (2x1.5V AA Battery Alkaline Type) approx 8 hours

SU-990BT

DUAL WIRELESS BODYPACK TRANSMITTER

OFF \ ON Switch control
of power on, mute and off

LCD Display with easy to
navigate menu and controls

- 10/30mW selectable RF output power
- Connector 4-Pin male mini connector
- Battery Voltage 3V (2x1.5V AA Battery Alkaline Type)
- Battery Up to 8 hours



LAVALIER (LV-X) | HEADWORN (HW-X)

- Microphone Type : Condenser
- Frequency Response : 20Hz - 20kHz
- Impedance : $32\Omega \pm 15\%$
- Sensitivity : $-38 \pm 2\text{dB}$ @1kHz; 1mW
- Distortion : 1% @ 1KHz
- Connect : Mini XLR 4-Pin
- Compatible with wireless bodypack transmitter other brands (Shure)



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 ± 2 dB
Demodulation Mode	DQPSK
Sampling Rate	48 KHz
Audio Output Level	1 x 6.3mm, 1 x XLR balance output

SU-990R : RECEIVER

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

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

SU-990HT : HANDHELD TRANSMITTER

Microphone Type	Dynamic
Polar Pattern	Cardioid Directional
Frequency Response	50Hz - 18kHz ± 3 dB
Impedance	600 Ω $\pm 30\%$ @1kHz
Sensitivity	-60dB ± 3 dB (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

SU-990BT : BODYPACK TRANSMITTER

Output Power	10mW / 30mW
Harmonic Radiation	<-50dBc
Battery Voltage	3V (2 x 1.5V AA Battery)
Battery Life (Alkaline Type)	approx 8 hours

LAVALIER (LV-X) | HEADWORN (HW-X)

Microphone Type	Condenser
Frequency Response	20Hz - 20kHz
Impedance	32 Ω $\pm 15\%$
Sensitivity	-38 ± 2 dB @1kHz; 1mW
Distortion	1% @ 1KHz
Connect	Mini XLR 4-Pin



SOUND VISION CO., LTD.

9 Chaiyaphruek Rd., Taling Chan, Taling Chan, Bangkok 10170 Thailand
Support : 02-433-9988 Email : info@soundvision.co.th
www.soundvisionpro.com

