

# SOUNDVISION™

## SU-990D Plus SERIES

DIGITAL UHF  
*True diversity*

*new elegant design.*



Interchangeable  
microphone  
capsules.



Lavalier



Headset

PROFESSIONAL DIGITAL WIRELESS MICROPHONE SYSTEM

WWW.SOUNDVISIONPRO.COM

# PRODUCT HIGHLIGHTS



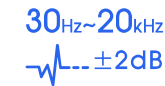
**Digital UHF**  
694.5 ~ 702.7MHz;  
748.3 ~ 757.7MHz



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



**True diversity**  
system with 4 antennas



Frequency response  
**30Hz ~ 20kHz ±2dB**



**Up to 120** Meters  
Line-of-sight range



**Equalizer 9 Preset**  
0dB, ±3dB



**Auto mute** system when  
falling down or laid down



**Auto frequency scanning**  
spectrum display

## SU-990HTP WIRELESS HANDHELD TRANSMITTER



- Generation of new elegant design
- Interchangeable microphone capsules
- Microphone compatible with other brands of mic (Shure Beta®58A, SM58® or etc.)

## SU-990BTP WIRELESS BODYPACK TRANSMITTER



- Professional audio quality wireless performance.
- Easy to use quickly syncs with a wireless receiver.
- OLED with easy-to-navigate menu and controls.
- Housing Cast aluminum.

# FEATURE

- Digital UHF 694.5 ~ 702.7 , 748.3 ~ 757.7 MHz frequency range.
- Frequency response 30Hz ~ 20kHz  $\pm$ 2dB
- Pre-Set 180CH selectable frequencies (CH-A : 20Group (85Channels), CH-B : 20Group (95Channels)).
- True digital 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.
- Easy pairing of transmitters and receivers and IR sync
- Equalizer 9 Presets : 0,  $\pm$ 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.



Professional stage, clubs, music entertainment, event, conference, meeting, training, presentation speech and Etc.



Certifications : CE and RoHS / The SU-990D Series conforms to standard  
NBTC | ETSI EN 300 422-1 , 301 489-9 , EN 62479 , IEC 62368-1:2018

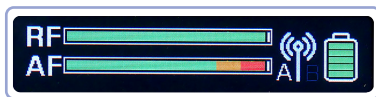
# AUTO MUTE WHEN FALLING DOWN OR LAID DOWN



SU-990HTP WIRELESS HANDHELD TRANSMITTER  
(Generation of new elegant design)



TFT Display with easy to navigate menu and controls

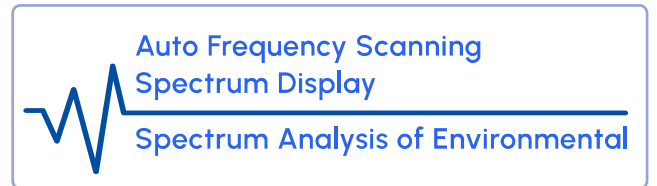


RF : Indicate signal intensity  
AF : Indicate audio level  
the longer length of the color and stronger signal.



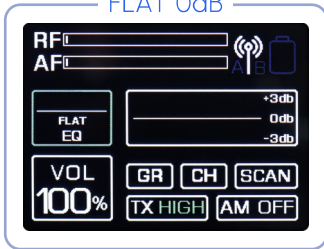
# AUTO FREQUENCY SCANNING AND SPECTRUM DISPLAY

- Digital UHF 694.5 to 702.7 MHz
- Digital UHF 748.3 to 757.7 MHz
- Up to 17.8MHz bandwidth
- Up to 180 Channels
  - CH-A : 20Group (85CH)
  - CH-B : 20Group (95CH)

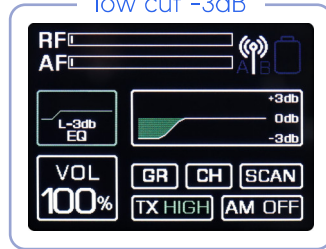


# EQUALIZER 9 PRESETS : 0dB, ±3dB

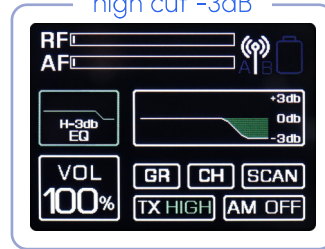
FLAT 0dB



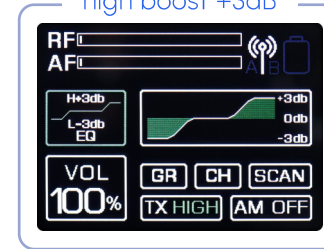
low cut -3dB



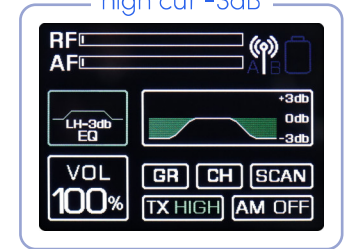
high cut -3dB



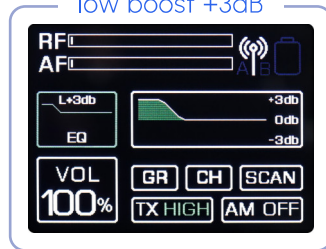
low cut -3dB  
high boost +3dB



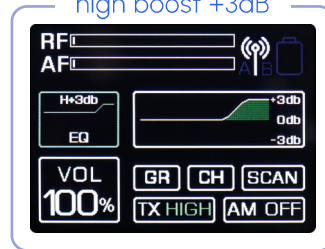
low cut -3dB  
high cut -3dB



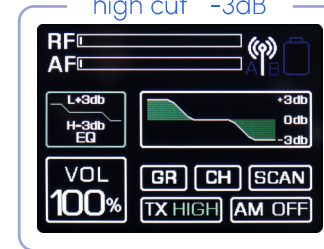
low boost +3dB



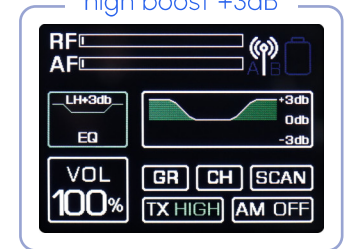
high boost +3dB



low boost +3dB  
high cut -3dB



low boost +3dB  
high boost +3dB



EQ OFF : 0dB  
EQ ON : ±3dB



# SU-990HTP WIRELESS HANDHELD TRANSMITTER

- Generation of new elegant design
- Interchangeable microphone capsules
- Microphone compatible with other brands of mic (Shure Beta®58A, SM58® or etc.)

Interchangeable SU-990HTP microphone heads.

TFT 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  $\pm$ 3dB
- Impedance : 600 $\Omega$   $\pm$ 30% @1kHz
- Sensitivity : -60dB  $\pm$ 3dB (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-990BTP WIRELESS BODYPACK TRANSMITTER

- Professional audio quality wireless performance.
- Easy to use quickly syncs with a wireless receiver.
- OLED with easy-to-navigate menu and controls.
- Housing Cast aluminum.

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

OLED 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



Lavalier



Headset

# SPECIFICATIONS

## SYSTEM

Carrier Frequency	UHF 694.5 ~ 702.7 , 748.3 ~ 757.7MHz
Available Channels	180CH CH-A : 20Group (85CH) , CH-B : 20Group (95CH)
Bandwidth	17.8MHz
Dynamic Range	96dB
Total Harmonic Distortion	<0.1%
Frequency Response	30Hz ~ 20kHz $\pm$ 2dB
Demodulation Mode	DQPSK
Sampling Rate	48 KHz
Audio Output Level	1 x 6.3mm, 2 x XLR balance output

## SU-990DPR : RECEIVER

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

## TRANSMITTER

Carrier Frequency	UHF 694.5 ~ 702.7 , 748.3 ~ 757.7MHz
- Frequency range Group A	694.5 ~ 702.7 MHz ;
- Frequency range Group B	748.3 ~ 757.7 MHz
Available Channels	180CH
- Channels A : 20Group	85CH
- Channels B : 20Group	95CH
Bandwidth	17.8 MHz
Frequency Switch	IR SYNC

## SU-990HTP : HANDHELD TRANSMITTER

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

## SU-990BTP : 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 $\Omega$ $\pm$ 15%
Sensitivity	-38 $\pm$ 2dB @1kHz; 1mW
Distortion	1% @ 1KHz
Connect	Mini XLR 4-Pin

SU-990D Plus  
SERIES



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