

SOUNDVISION™

SU-850D SERIES



Professional Digital Wireless Microphone system

Certifications : CE and RoHS

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The SU-850D Series conforms to standard NBTC | ETSI EN 300 422-1 , 301 489-9 , EN 62479 , IEC 60950-1

SU-850DG

DIGITAL WIRELESS MICROPHONES SYSTEM 190CH

748.3 TO
757.7 MHz

CH:190
channels

Up To
100M

30Hz~20kHz
±2dB

AUTO MUTE
Falling Down
or Laid Down

SMART
CHARGE



SU-850DA

DIGITAL WIRELESS MICROPHONES SYSTEM 168CH

694.4 TO
702.7 MHz

CH:168
channels

UP TO
60M

30Hz~20kHz
±2dB







AUTO MUTE
Falling Down
or Laid Down



FEATURE

SU-850DG

SU-850DA

Carrier frequency (Frequency according to NBTC)	Digital UHF 748.3 ~ 757.7 MHz	Digital UHF 694.4 ~ 702.7 MHz
Available channels	190CH (2 x 95CH)	168CH (2 x 84CH)
Receiver TFT Display show menu settings	✓	✓
Transmitter Display for handheld microphones	OLED	LCD
Charge handheld microphone (by receiver)	✓	-
Microphone type	   50Hz-15kHz ±5dB	   50Hz-15kHz ±5dB
Operating range line-of-sight	100 meters	60 meters
Output power	5mW/20mW	10mW
Auto mute when falling or laid down.	✓	✓
Battery	18500 Lithium battery (1500mAh) (USB Charger)	3V (2 x 1.5V) (AA Alkaline Battery)
Battery life	approx. 10 hours	approx. 8 hours

SU-850D SERIES

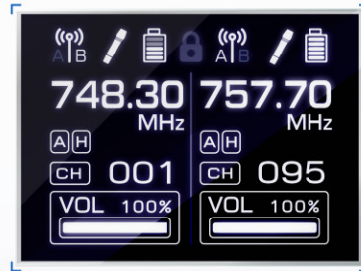
RECIVER

DIGITAL WIRELESS MICROPHONES SYSTEM



SU-850DG

TFT Display show menu settings



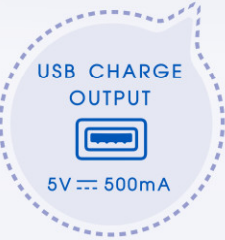
SU-850DA

TFT Display show menu settings



SU-850DG Charger

18500 Lithium battery
(1500mAh) USB Charger



SU-850D SERIES

DUAL WIRELESS HANDHELD TRANSMITTER

DG

DA



SU-850DG

OLED Display
with easy to navigate
menu and controls

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

Battery : 18500 Lithium battery (1500mAh)
(USB Charger)
battery life : approx. 10 hours



SU-850DA

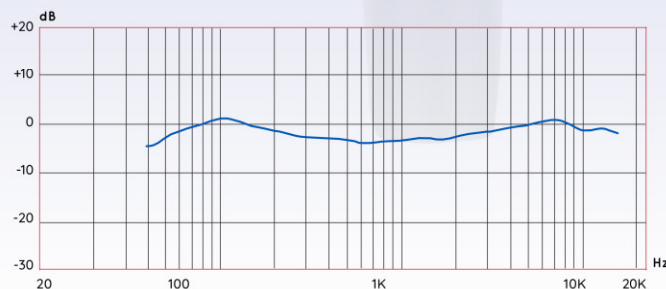
LCD Display
with easy to navigate
menu and controls

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

Battery : 3V (2 x 1.5V) (AA Alkaline Battery)
battery life : approx. 8 hours



Frequency response
: 0dB = 1V/Pa, 1KHz



- Microphone Type : Dynamic
- Polar Pattern : Cardioid Directional
- Frequency Response : 50Hz - 15kHz ±5dB
- Impedance : 580Ω ±15% @1kHz
- Sensitivity : -52dB ±2dB (0dB=1V/Pa @1kHz)

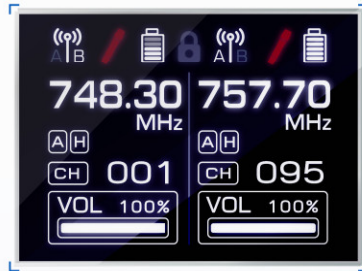
SU-850D SERIES

AUTO MUTE WHEN FALLING DOWN OR LAID DOWN



SU-850DG

Display show function **auto mute**



SU-850DA

Display show function **auto mute**



SU-850HG

OLED Display show function **auto mute**



SU-850HA

LCD Display show function **auto mute**



SU-850DG

HANDHELD TRANSMITTER CHARGER (SU-850HG)



DG

SU-850HG Handheld transmitter Charger

18500 Lithium battery (1500mAh) USB Charger
battery life : approx. 10 hours

SPECIFICATIONS

SU-850DG

SU-850DA

SYSTEM

Carrier Frequency	UHF 748.3 ~ 757.7MHz	UHF 694.4 ~ 702.7MHz
Available Channels	190 CH (2 x 95CH)	168CH (2 x 84CH)
Bandwidth	9.5 MHz	8.4MHz
Dynamic Range	96dB	96dB
Total Harmonic Distortion	<0.3%	<0.3%
Frequency Response	30Hz ~ 20kHz ±2dB	30Hz ~ 20kHz ±2dB
Demodulation Mode	DQPSK	DQPSK
Sampling Rate	48 KHz	48 KHz
Audio Output Level	1 x 6.3mm, 2 x XLR balance output	1 x 6.3mm, 2 x XLR balance output

RECEIVER

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

HANDHELD TRANSMITTER

SU-850HG

SU-850HA

Carrier frequency	UHF 748.3 ~ 757.7MHz	UHF 694.4 ~ 702.7MHz
Available channels	190 CH (2 x 95CH)	168CH (2 x 84CH)
Bandwidth	9.5 MHz	8.4MHz
Frequency switch	IR SYNC	IR SYNC
Microphone type	Dynamic	Dynamic
Polar pattern	Cardioid Directional	Cardioid Directional
Frequency response	50Hz - 15kHz ±5dB	50Hz - 15kHz ±5dB
Impedance	580Ω ±15% @1kHz	580Ω ±15% @1kHz
Sensitivity	-52dB ±2dB (0dB=1V/Pa @1kHz)	-52dB ±2dB (0dB=1V/Pa @1kHz)
Output power	5mW / 20mW	10mW
Harmonic radiation	<-50dBc	<-50dBc
Battery	18500 Lithium battery (1500mAh) (USB Charger)	3V (2 x 1.5V AA Battery)
Battery life	approx 10 hours	approx. 8 hours (Alkaline Type)

Professional Digital Wireless Microphone system



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