

# SU-850DG Digital Wireless Microphones System 190CH



**Certifications :** CE and RoHS / The SU-850D Series conforms to standard NBTC | ETSI EN 300 422-1 , 301 489-9 , EN 62479 , IEC 60950-1

## FEATURES



- Digital UHF 748.3 ~ 757.7 MHz frequency range.
- Frequency response 30Hz ~ 20kHz  $\pm 2$ dB
- Pre-Set 190CH (2\*95CH) selectable frequencies.
- Charge handheld microphone by receiver.
- TFT display to indicate frequency, battery level, volume level, Channel and Menu Settings.
- OLED Display for handheld microphones
- AF / RF signal indicator LED light on receiver
- Up to 100 Meters line-of-sight range. / Output power 5mW/20mW
- Auto mute when falling or laid down.
- 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.
- 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 748,3 ~ 757.7MHz
Available channels	190 CH (2 x 95CH)
Bandwidth	9,5 MHz
Dynamic range	96dB
Total harmonic distortion	<0,3%
Frequency response	30Hz ~ 20kHz $\pm 2$ dB
Demodulation mode	DQPSK
Sampling rate	48 KHz
Audio output level	1 x 6,3mm, 2 x XLR balance output

● Specifications are subject to change without prior notification.

## SPECIFICATIONS

### SU-850DG : RECEIVER

Frequency response	30Hz ~ 20kHz $\pm 2$ dB
Power supply	DC 12V-18V 1A
Consumption power	2 Watts
Signal/noise ratio	96dB
Receiving sensitivity	-95dBm

### SU-850HG : HANDHELD TRANSMITTER

Carrier frequency	UHF 748,3 ~ 757.7MHz
Available channels	190 CH (2 x 95CH)
Bandwidth	9,5 MHz
Frequency switch	IR SYNC
Microphone type	Dynamic
Polar pattern	Cardioid Directional
Frequency response	50Hz - 15kHz $\pm 5$ dB
Impedance	580 $\Omega$ $\pm 15\%$ @1kHz
Sensitivity	-52dB $\pm 2$ dB (0dB=1V/Pa @1kHz)
Output power	5mW / 20mW
Harmonic radiation	<-50dBc
Battery	18500 Lithium battery (1500mAh) (USB Charger)
Battery life	approx 10 hours

## ORDERING INFORMATION

SU-850DG/HG Dual Handheld Transmitter

- Model : SU-850DG/HG Dual Handheld wireless microphone set.