

## SU-850DA Digital Wireless Microphones System 168CH

SOUNDVISION™

694.4 TO  
702.7 MHzCH:168  
channelsAUTO MUTE  
Falling Down  
or Laid DownUp To  
60M

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 694.4 ~ 702.7 MHz frequency range.
- Frequency response 30Hz ~ 20kHz  $\pm 2$ dB
- Pre-Set 168CH (2\*84CH) selectable frequencies.
- TFT display to indicate frequency, battery level, volume level, Channel and Menu Settings.
- AF / RF signal indicator LED light on receiver
- Up to 60 Meters line-of-sight range. / Output power 10mW
- 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 694.4 ~ 702.7MHz              |
| Available channels        | 168CH (2 x 84CH)                  |
| Bandwidth                 | 8.4MHz                            |
| 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-850DA : 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-850HA : HANDHELD TRANSMITTER

|                    |                                    |
|--------------------|------------------------------------|
| Carrier frequency  | UHF 694.4 ~ 702.7MHz               |
| Available channels | 168CH (2 x 84CH)                   |
| Bandwidth          | 8.4MHz                             |
| 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       | 10mW                               |
| Harmonic radiation | <-50dBc                            |
| Battery            | 3V (2 x 1.5V AA Battery)           |
| Battery life       | approx. 8 hours (Alkaline Type)    |

## ORDERING INFORMATION

SU-850DA/HA Dual Handheld Transmitter

- Model : SU-850DA/HA Dual Handheld wireless microphone set.