

## TS-610 UHF PLL Single Channel True Diversity Wireless System



### Features:

#### TS-610 True Diversity Receiver

- Compact half rack space design with all metal receiver housing.
- True diversity provides the most effective elimination of dropouts.
- Automatic Frequency Selection provides a straight shot to a clear channel.
- Transmitter Sync.
- 300 selectable frequencies across 30MHz bandwidth.
- LCD Displays: RF Level, Audio Level, Low Battery Indicator, Antenna Status, Channel.
- Equipped with both XLR balanced and Ø6.3mm unbalanced outputs.
- TS-610 is suitable for a variety of applications: For example for musicians or actors on stage, presenters and moderators in meetings, sports events, hotels, universities and houses of worship.

## TS-610 True Diversity Receiver

|                         |   |
|-------------------------|---|
| Main Frame Size         | EIA-Standard 19" 1/2 U                      |
| Channels                | Single Channel                              |
| Frequency Stability     | ±0.005%, Phase Lock Loop frequency control  |
| Carrier Frequency Range | UHF 620--850 MHz                            |
| Preset Channels         | 32 preset channels                          |
| Operating Range         | 90M typical ( in open space)                |
| Oscillation             | PLL synthesized                             |
| Sensitivity             | 6dBμV, S/N>60dB at 25 deviation             |
| Band Width              | 30MHz                                       |
| Max. Deviation Range    | ±45KHz                                      |
| S/N                     | >105dB                                      |
| T.H.D.                  | <0.7% @ 1KHz                                |
| Frequency response      | 45Hz~18KHz±3dB                              |
| Squelch                 | "PiloTone & NoiseLock" dual-squelch circuit |
| Power Supply            | External AC adapter, 12-15V DC, 10W         |
| Weight                  | 2kg   |
| Dimension               | 210(W) X 45(H) X 200(D)                     |
| Output Connector        | XLR balanced & 6.3φ phone jack unbalanced   |



### HT-61 Handheld Microphone

- Rugged, ergonomically designed housing.
- LCD display with channel and battery life indicator.
- 30MHz bandwidth.
- Extremely low handling noise.
- Infrared automatic transmitter sync.
- 2 x AA batteries – up to 10 hours continue use.

|                         |                        |
|-------------------------|------------------------|
| Carrier Frequency Range | UHF 603--634 MHz       |
| Oscillation             | PLL synthesized        |
| Harmonic radiation      | < -65dBm               |
| Bandwidth               | 30MHz                  |
| Max. Deviation Range    | ±45KHz                 |
| Microphone Element      | Cardioid Dynamic       |
| RF Power Output         | 15mW                   |
| Battery                 | AA X 2                 |
| Current Consumption     | 90mA, typical          |
| Battery Current / Life  | Approximately 10 hours |
| Dimension               | 45(Φ) X 240 (L) (mm)   |
| Weight                  | 317g ( w/o battery)    |



PT-60 Wideband Bodypack Transmitter

- Rugged, ergonomically designed housing.
- LCD display with channel and battery life indicator.
- 30MHz bandwidth.
- Equipped with 4 pin mini XLR connector.
- Infrared automatic transmitter sync.
- 2 x AA batteries – up to 10 hours continue use.

|                         |                            |
|-------------------------|----------------------------|
| Carrier Frequency Range | UHF 603--634 MHz           |
| Oscillation             | PLL synthesized            |
| Harmonic radiation      | < -65dBm                   |
| Bandwidth               | 30MHz                      |
| Max. Deviation Range    | ±45KHz                     |
| Input Connector         | 4-pin mini-XLR connector   |
| RF Power Output         | 15mW                       |
| Battery                 | AA X 2                     |
| Current Consumption     | 90mA, typical              |
| Battery Current / Life  | Approximately 10 hours     |
| Dimension               | 72(H) X 68(W) X 21(D) (mm) |
| Weight                  | 71g ( w/o battery)         |