



# UHF WIRELESS SET

S5.3-HD-D2E  
S5.3-HD-D2U  
S5.3-HD-G2U

## DESCRIPTION

The S5.3-HD includes a handheld wireless microphone and a true diversity tuner. Both of them feature user-friendly operability, and employ an easy-to-read LCD display. Also, it is possible to perform the system settings through infrared communications, and monitor the system status using the supplied PC software.

## SPECIFICATIONS

| Version               | D2E/D2U  | G2U                |
|-----------------------|--|--------------------|
| Product Composition   | Handheld wireless microphone S5.3-HDX ...1, Diversity tuner S5.3-RX ...1   |                    |
| Frequency Range       | 854 - 865 MHz, UHF   | 606 - 622 MHz, UHF |
| Channel Selectable    | 9 banks, 12 frequencies max/bank   |                    |
| Tone Frequency        | 32.768 kHz   |                    |
| Operating Temperature | -10 °C to +50 °C (14 °F to 122 °F)   |                    |
| Accessory             | CD (PC Monitoring Software) ...1, BNC cable ...2, AC adapter ...1, Microphone holder W3/8" (with stand adapter) ...1, Wireless antenna ...2, Color ring (6 color) ...6 |                    |

### Wireless microphone

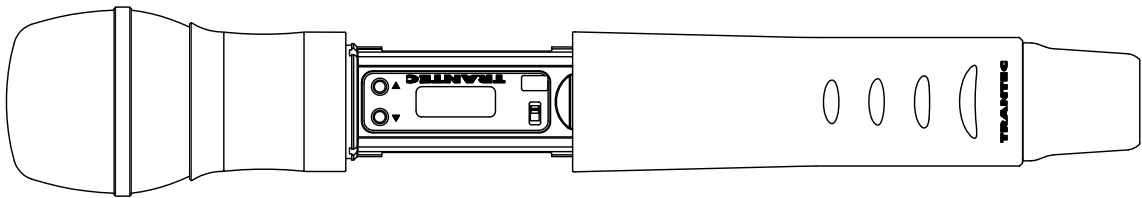
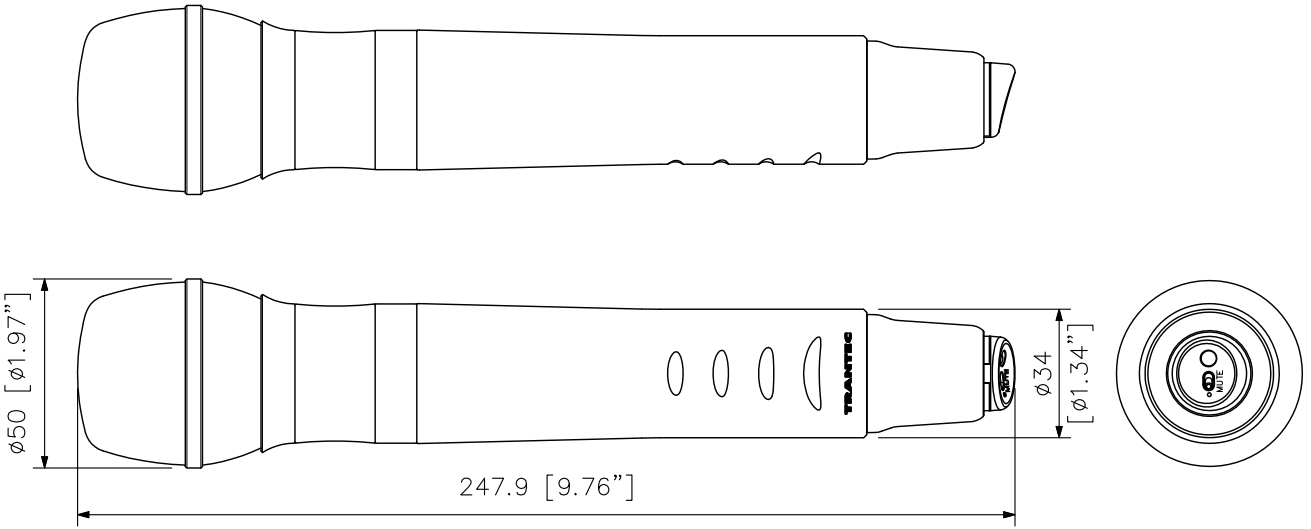
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|--------------------------|---|
| Microphone Element       | Dynamic microphone unit: Hyper cardioid   |
| Modulation               | Frequency modulation  |
| RF Carrier Power         | 50 mW or less   |
| Tone Frequency           | 32.768 kHz  |
| Modulation System        | PLL synthesized   |
| Maximum Input Level      | 146 dB SPL (microphone sensitivity: Gain "0")   |
| Maximum Deviation        | ±40 kHz   |
| Audio Frequency Response | 60 Hz - 20 kHz  |
| Dynamic Range            | 110 dB or more (with S5.3-RX)   |
| Battery                  | LR6 (AA)  |
| Battery Life             | 10 hours (alkaline)   |
| Indicator                | LCD display, Power lamp   |
| Antenna                  | Built-in type   |
| Function                 | Mute switch, Infra-Red link port, Battery life indicator (4 steps), Microphone sensitivity adjustment (Gain 0-2; 12 dB) |
| Finish                   | Dark gray   |
| Dimensions               | ø50 × 247.9 mm (ø1.97" × 9.76")   |
| Weight                   | 380 g (0.84 lb) (with battery)  |

### Wireless tuner

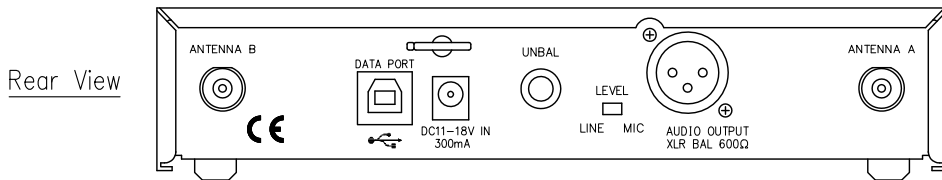
\* 0 dB = 1 V

|                       |  |
|-----------------------|--|
| Power Source          | 230 V AC, 50 Hz (supplied AC adapter must be used)   |
| Power Consumption     | 300 mA (13 V DC)   |
| Receiving System      | Double super-heterodyne  |
| Diversity System      | Space diversity (true diversity)   |
| Audio Output          | LINE: -22 dB*/MIC: -62 dB*<br>LINE/MIC selectable, 600 Ω, balanced, XLR-3-32 type connector<br>Headphone: max. 100 mW 16 Ω, unbalanced, phone jack<br>-28 dB*, 600 Ω, unbalanced, phone jack |
| Antenna Input         | 50 Ω, BNC  |
| Antenna Phantom Power | 9 V DC, 30 mA (max) (Available to turn off phantom power)  |
| Receiving Sensitivity | 0 dBμV or less (12 dB SINAD)   |
| Squelch Sensitivity   | 6 - 36 dBμV variable   |
| Squelch System        | Using together of noise SQ, carrier SQ and tone SQ   |
| Tone Frequency        | 32.768 kHz   |
| Indicator             | LCD, Power lamp, Mute lamp, ANT A/B lamp   |
| Signal to Noise Ratio | 110 dB or more (A-weight)  |
| Harmonic Distortion   | 1 % or less (typical)  |
| Frequency Response    | 50 Hz - 20 kHz, ±3 dB  |
| Function              | Battery indicator (7 steps), Headphone output, Infra-Red link port, Channel scan, Monitoring software with USB connectivity  |
| Finish                | Chassis: Steel, dark gray, painting<br>Front panel: Anodized aluminum, silver  |
| Dimensions            | 210 (W) × 46 (H) × 210 (D) mm (8.27" × 1.81" × 8.27") (excluding antenna)  |
| Weight                | 1.3 kg (2.87 lb)   |

■ APPEARANCE

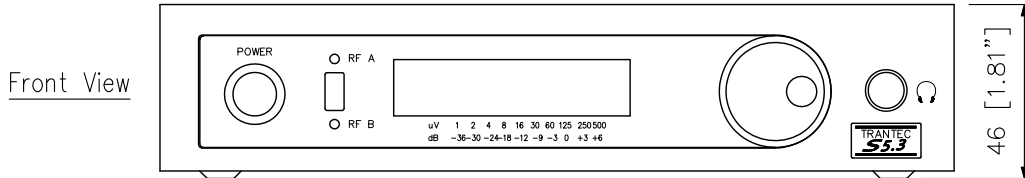


Wireless microphone



Rear View

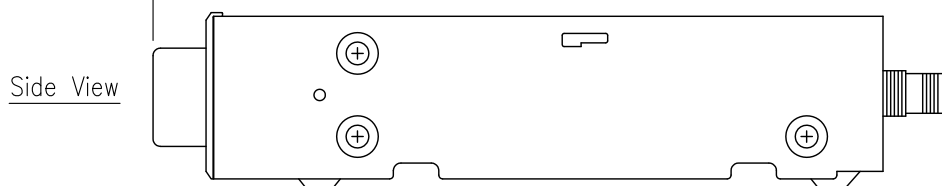
210 [8.27"]



Front View

46 [1.81"]

210 [8.27"]



Side View

Wireless tuner

UNIT:mm SCALE:1/2