# WT-4820 ER

WIRELESS TUNER




The TOA WT-4820 diversity tuner can accept up to two optional wireless tuner modules of UHF band (WTU-4800). It can be mounted in a component rack using an optional mounting bracket (MB-WT3, MB-WT4).

## Key features

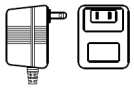
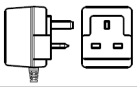
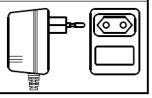
- Dual channel diversity tuner working with the WTU-4800 tuner modules
- Mountable in a 19“ rack using the optional mounting brackets MB-WT4
- Other features: Noise squelch, phantom powering for antennae, mix/solo, switch, AF peak LED, antenna A/B-LED
- Technical data refers to the use in combination with 2 x WTU-4800 tuner modules

# Specifications

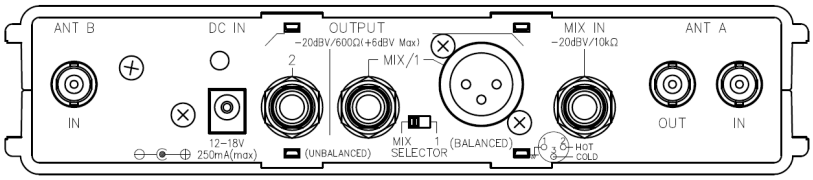
(*1) 0 dB = 1 V

| | |
|---|---|
| Power Source | AC mains (supplied AC adapter must be used.) |
| Power Consumption | 250 mA (12 V DC, when operating with two tuner modules) |
| Receiving Frequency | 506 – 865 MHz, UHF |
| Audio Output | Mixing/Channel 1 (selectable):<br>–20 dB*2 (+6 dB*2 Max.), 600 Ω, unbalanced, phone jack<br>–14 dB*2 (+12 dB*2 Max.), 600 Ω, balanced, XLR-3-32 type connector<br>Channel 2: –20 dB*2 (+6 dB*2 Max.), 600 Ω, unbalanced, phone jack |
| Mixing Input | –20 dB*2, 10 kΩ, unbalanced, phone jack |
| Antenna Input | 75 Ω, BNC (phantom powering for antenna), 9 V DC, 30 mA (max) |
| Antenna Output | 75 Ω, BNC (Gain 0 dB) |
| Harmonic Distortion | 1 % or less |
| Indicator | ANT A/B, Audio (peak), Power |
| Signal to Noise Ratio | 102 dB or more (A-weight, balanced output) |
| Frequency Response | 50 Hz – 18 kHz, ±3 dB |
| Operating Temperature | –10 °C to +50 °C (14 °F to 122 °F) |
| Operating Humidity | 30 % to 85 %RH (no condensation) |
| Finish | Resin, black |
| Dimensions | 210 (W) x 44 (H) x 181 (D) mm (8.27" x 1.83" x 7.13") |
| Weight | 770 g (1.71 lb) (without tuner module) |
| Included Accessories | AC adapter x 1, Whip antenna x 2, Rubber foot x 4 |
| Optional Accessories | Mounting bracket kit: MB-WT3 (for rack mounting one WT-4820 unit), MB-WT4 (for rack mounting two WT-4820 units) |

# Dimensions

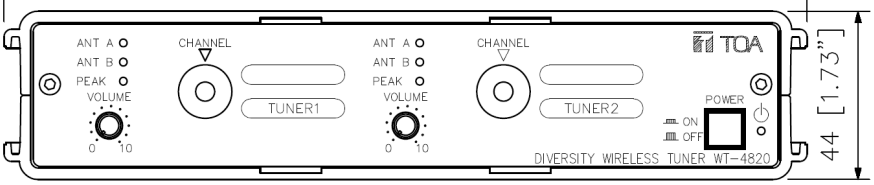
| Version | AC Adapter (*2) | |
|---|---|---|
| WT-4820 | No AC Adapter is supplied. | |
| US | 120 V AC, 60 Hz |  |
| UK | 220 – 230 V AC, 50 Hz |  |
| ER | 230 V AC, 50 Hz |  |

Rear View




210 [8.27"]

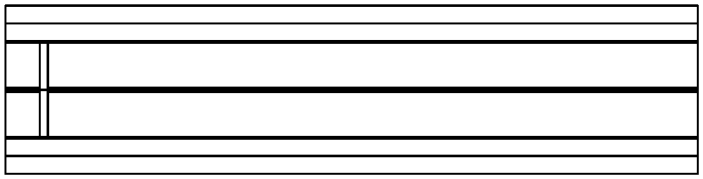
Front View




44 [1.73"]

181 [7.13"]

Side View



UNIT: mm



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# A&E specifications

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