

■DESCRIPTION

The S-D7802 is a PLL synthesized digital diversity wireless receiver capable of receiving the UHF-band synthesized digital wireless microphones.

■SPECIFICATIONS

(\*1) 0 dB = 0.775 V

(\*2) 0 dBFS = 24-bit full scale output

Power Source	100 – 240 V AC, 50/60 Hz
Power Consumption	500 mA or less
Frequency Range	606 – 638 MHz
Antenna Input	1 input, BNC jack, 50 Ω, 2 channels Antenna power supply: 9 V DC, 90 mA (max)
Antenna Cascade Output	1 output, BNC jack, 50 Ω, 2 channels
Receiving Sensitivity	30 dBμV or less (Bit error rate: 1E-5 or less)
Antenna Input Attenuator	0 dB/-10 dB/-20 dB switchable
Modulation System	PLL synthesized
Receiving System	Double Superheterodyne, digital diversity system
Frequency Response	20 Hz – 15 kHz
D/A Converter Resolution	24 bits, 48 kHz sampling
Coding System	ADPCM (TRANTEC original)
Audio Latency	4 ms or less (when using in conjunction with the optional S-D7200 or S-D7300)
Analog Audio Output Connector	XLR3-32 equivalent: Balanced output 2-pole jack: Unbalanced output
Analog Audio Maximum Output Level	Balanced output: 20 dB (*1) or more (LINE)/0 dB (*1) or more (MIC) switchable Unbalanced output: 14 dB (*1) or more (LINE)/-6 dB (*1) or more (MIC) switchable
Dynamic Range (AF Circuit)	110 dB or more (A-weighted)
Total Harmonic Distortion	0.05 % or less (at 30 dBμV, 1 kHz, -10 dBFS (*2), A-weighted)
Maximum Mixing Output Level	10 dB (*1) or more, unbalanced, 2-conductor phone jack
Mixing Input	-10 dB (*1), unbalanced, 2-conductor phone jack
Headphones Output	500 mW, 16 Ω, 3-conductor phone jack
AES/EBU Output	24-bit output (internal 48 kHz, external word clock sync) XLR 3-32 equivalent, 110 Ω balanced output
Word Clock Input	32 – 96 kHz, BNC jack, 75 Ω terminated/Open switchable
Transmitter Information Display	Remaining battery level, microphone gain setting information, and other information
ID Selectable	10 patterns
Network	Ethernet, RJ-45
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Operating Humidity	30 % to 85 %RH (no condensation)
Finish	Panel: Aluminum, hairline, black, alumite Case: Surface-treated steel plate, black, paint
Dimensions	482 (W) × 44 (H) × 362.6 (D) mm (18.98" × 1.73" × 14.28")
Weight	4.1 kg (9.04 lb)
Accessory	AC power cord (2 m (6.56 ft)) ∙1, CD (Monitoring software) ∙1, BNC plug cord (50 cm (1.64 ft)) ∙1, Front mount cord with BNC plug (65 cm (2.13 ft)) ∙2, Direct mount antenna ∙2, Phone plug cord (1 m (3.28 ft)) ∙1, Rack mounting screw (5 × 12 (0.2" × 14.28")) ∙4, Rack mounting washer ∙4, Rubber foot ∙4, Ferrite clamp ∙1

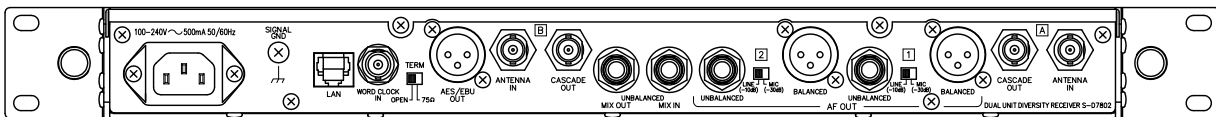
■ SPECIFICATIONS

Personal Computer Requirements

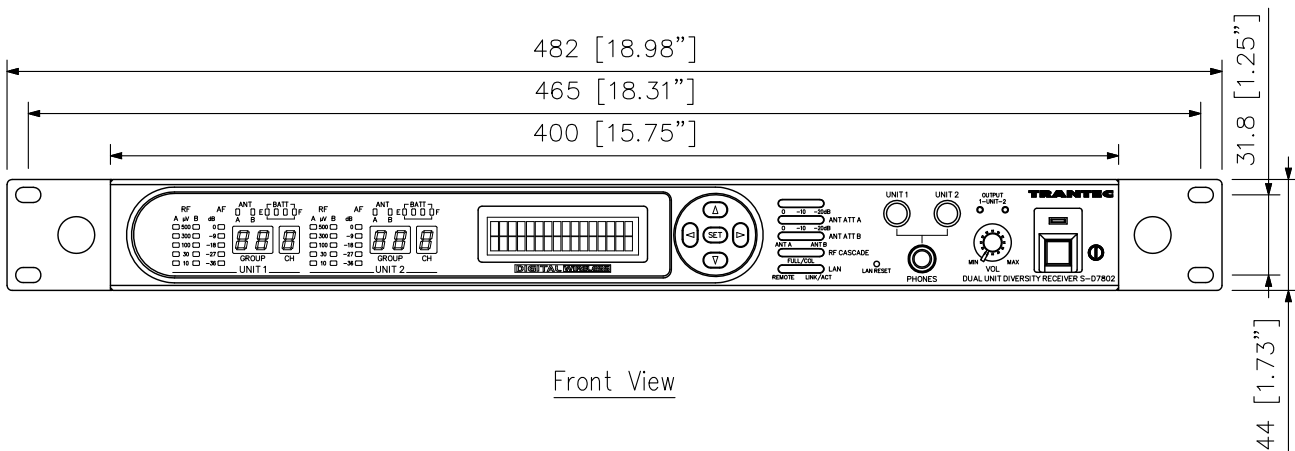
Hardware	CPU: Pentium 3, 1 GHz or faster Memory: 512 MB or greater Free Hard Disk Space: 100 MB or more
OS	Windows XP (32-bit edition) Service Pack 2, Windows Vista (32/64-bit edition), Windows 7 (32/64-bit edition)

- ※ Windows is a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- ※ Pentium is a trademark of Intel Corporation.
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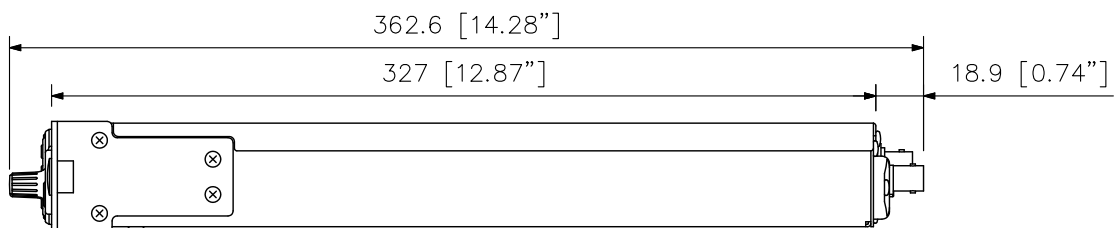
■ APPEARANCE



Rear View



Front View



Side View

UNIT:mm SCALE:1/3