

GENERAL

Frequency Range

Type 1 136-174 MHz

Number of Channels: Zone Max. 128 per Radio

Conv. Ch Max. 128 per Zone

Channel Spacing: Wide/Narrow 25, 30 kHz/12.5, 15 kHz 25 kHz/12.5 kHz

Battery Voltage 7.5V DC \pm 20% Battery Life (5-5-90 duty cycle, during hi-power, battery saver off)

with 1200mAh Approx. 8 hours

with 2000mAh) Approx. 12 hours

with 1950mAh Approx. 11 hours

Operating Temperature Range* -22°F ~ +140°F (-30°C ~ +60°C)

Frequency Stability \pm 2.5ppm (-22°F ~ +140°F)

Antenna Impedance 50 Ohms

Channel Frequency Spread

Type 1 38 MHz 40 MHz

Dimensions (W x H x D), Projections not Included

Radio Only 2-7/32 x 4-5/16 x 5/8 in. (56 x 109 x 16.6 mm)

with Battery 35L 2-7/32 x 4-5/16 x 1-1/4 in. (56 x 109 x 31.7 mm)

with Battery 25A/26N 2-7/32 x 4-5/16 x 1-1/2 in. (56 x 109 x 37.9 mm)

Weight (net)

Radio Only 7.2 oz. (205 g) (includes supplied accessories)

with 25A 14.6 oz. (415 g) [with antenna (KA-22/23) and belt clip (KBH-12)]

with 26N 16.0 oz. (455 g) [with antenna (KA-22/23) and belt clip (KBH-12)]

with 35L 12.0 oz. (340 g) [with antenna (KA-22/23) and belt clip (KBH-12)]

FCC ID

Type 1 ALH34703110 ALH34713110

Type 3 — ALH34713130

IC Certification

Type 1 282D-34703110 282D-34713110

Type 3 — 282D-34713130

RECEIVER (Measurements made per TIA/EIA-603)

Sensitivity (12dB SINAD) Wide 0.25 μ V, Narrow 0.28 μ V

Selectivity Wide 70 dB, Narrow 65 dB

Intermodulation Distortion Wide 65 dB Narrow 60 dB

Spurious Response 65 dB

Audio Output (4 ohm impedance) 500 mW with less than 5% distortion

TRANSMITTER (Measurements made per TIA/EIA-603)

RF Output Power: VHF High 5 W , Low 1 W

Spurious Response 70 dB

Type of Emission: Wide 16K \emptyset F3E, Narrow 11K \emptyset F3E

FM HUM & Noise: Wide 45 dB, Narrow 43 dB

Audio Distortion Less than 5%

Note: Specifications subject to change without notice