



ASTELA

aselsan

COMBO
3711

MULTIMODE HANDHELD RADIO

#PublicSafetyCommunication



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MULTIMODE HANDHELD RADIO

Sophisticated Communication to enhance communication range and productivity, choosing the radio protocol and communicate with DMR direct mod or APCO P25 direct mode or SK2 direct mode with digitally clear or AES encryption.

136-174 MHz VHF COMBO3711 radios work together to enhance integrity with ASTELA direct mode radios which operates on APCO P25 and DMR and SK2. Enlarge communication besides excellent range, battery life and audio quality in all digital or analog systems, and rich features to enhance safety and security. Built-in GNSS receiver, bluetooth®, hardware or software encryption are available.

Push and Talk

Instant and immediate communication with push-to-talk (PTT) for mission critical operations for quick group communication, reach everyone due to authorisation without any person count limitation.

Data Capability

SMS text messaging, predefined messages, status call, call alert, location information, and SMS inquiry are available, and IP packet data coming with ASTELA ATLAS data applications.

Call Modes

Conventional, trunk, talk-around, unit-to-unit, unit-to-group, unit-to-all, unit-to-dispatch, emergency calls.

Ergonomy

Ensuring easy handling, it is slim, lightweight, and small.

Durable

Keep connected when environmental conditions are getting tough.

Purpose Built Accessories and Auxiliary Parts

Covert or standard battery, desktop charger, vehicular charger, several types holsters, headsets, earpieces and bluetooth accessories are available.

General Properties

- Smart battery alternatives
- Desktop or vehicular charger
- Various audio accessories
- Colored display
- Seamless UX experience across 3700 family
- Caller ID
- Informative alerts

Technical Properties

| | |
|-----------------------|--|
| Frequency | : VHF (136-174 MHz) |
| RF output power | : 5W |
| Channel capacity | : 999 |
| Dimensions | : 120 x 55 x 29.4 mm (HxWxD without projections) |
| Weight | : 300 gr |
| Display | : 2" color LCD (320x240) |
| Bluetooth | : Available |
| Accelerometer | : Available |
| Light sensor | : Available |
| GNSS | : Available |
| Modulation | : GMSK (SK2), C4FM (APCO P25), 4FSK (DMR) |
| Battery life | : 5:5:90, > 13 hours |
| Operating temperature | : -30°C / +60°C (transceiver), -20°C / +60°C (Battery) |
| Storage temperature | : -40°C / +85°C (transceiver), -20°C / +50°C (battery) |
| Digital | : EN 300 113-2 |
| Analog | : EN 300 086-2 |
| Ingress protection | : IP67 (IEC 60529) |
| Low pressure | : MIL-STD-810G M 500.6 Pro I, II |
| High temperature | : MIL-STD-810G M 501.6 Pro I Cat-A1, Pro II Cat-A1 |
| Low temperature | : MIL-STD-810G M 502.6 Pro I Cat C2, Pro II Cat C1 |
| Temperature shock | : MIL-STD-810G M 503.6 Pro I-B |
| Rain | : MIL-STD-810G M 506.6 Pro I, III |
| Humidity | : MIL-STD-810G M 507.6 Pro II |
| Sand and dust | : MIL-STD-810G M 510.6 Pro I, II |
| Vibration | : MIL-STD-810G M 514.7 Pro I Cat 24 |
| Shock | : MIL-STD-810G M 516.7 Pro I, IV |

Specifications are subject to change without any notice. | All tolerances are within ±10%.