ASTELA | SK 3730

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SK2 MISSION CRITICAL DESKTOP RADIOS
#PublicSafetyCommunication

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SK2 MISSION CRITICAL DESKTOP RADIOS

Excellent range and audio quality in all digital and analog systems, and rich features to enhance safety and security.

Multiple Operation Modes
ASTELA SK3730 Desktop Radio can operate in simplex (from radio-to-radio), direct (via repeaters) SK2 system modes.

ASTELA SK3730 radio has backward compatibility with legacy analog FM radios, which provides radio users with the possibility of easy migration from analog to digital communication.

Resilience to Extreme Environmental Conditions
Institutions in charge of public safety may need to use these radios in challenging environments such as very high or very low temperature, high humidity, low pressure, sand and dust. ASTELA SK3730 Desktop Radio is designed by considering these requirements and supports MIL STD 810G standards.

A Wide Range of Peripheral Units and Audio Accessories Including Wireless Options
Depending on the use scenario, additional peripheral units and accessories may be needed by the radio users such as hands-free use via VOX. Thanks to the integrated Bluetooth-WIFI optional module of ASTELA SK3730 Desktop Radio, in addition to ASELSAN inventory of peripheral units and audio accessories, radio users can choose whatever they need for their own specific needs.

Flexibility of Customization
Communication system operators may need to give different type of authorizations to radio users depending on their organizations and tasks. By programming/updating the parameters of the radios, it can be ensured that all radio users have different menus/options on their devices.

ASTELA SK3730 Desktop Radio has a flexible hardware and software structure enabling multiple languages on the radio.

General Properties
- Usb and RS232 connections
- Built-in GPS option
- Wi-Fi and bluetooth options
- Software/hardware encryption option
- AES-256/customized algorithm options
- Multiple language support
- Various audio accessories
- Colored display
- Seamless UX experience across 3700 family
- Caller ID
- Informative alerts

Technical Properties
Frequency	: VHF (136-174 MHz) or UHF (380-470 MHz)
RF Output Power	: 10-40W (VHF) or 10-30W (UHF)
Channel Capacity	: 999
Dimensions (HxWxD)	: 50.5x176x166 mm (without projections)
Weight	: 1,65 kg
Bluetooth	: Optional
Display	: 2.9" TFT LCD (320x120 pixel)
Operating Temperature	: -30°C / +60°C (Transceiver)
Storage Temperature	: -40°C / +85°C (Transceiver)
Humidity	: 90%, +50°C
GNSS	: Available
Accelerometer	: Available
Light Sensor	: Available

Standards and Certificates
Low Voltage	: EN 60950, IEC 62368 (2014/35/EU Directive)
EMC	: EN 301 489-1, EN 55032 (2014/30/EU Directive)
Digital	: EN 300 113-2
Analog	: EN 300 086-2
ESD	: EN 61000-4-2 (Discharge: Contact ± 4 kV / Air: ± 8 kV)
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
Sand and Dust	: MIL-STD-810G M 510.6 Pro I, II
Solar Radiation	: MIL-STD-810G M 505.6 Pro I
Rain	: MIL-STD-810G M 506.6 Pro I, III
Humidity	: MIL-STD-810G M 507.6 Pro II
Salt Fog	: MIL-STD-810G M 509.6
Ingress Protection	: IP54 (IEC 60529)
Vibration	: MIL-STD-810G M 514.7 Pro I Cat 4, Pro I Cat 24
Shock	: MIL-STD-810G M 516.7 Pro I