



## TM2210 MOBILES

### KEEP BUSINESS MOVING FORWARD

The Tait TM2210 is a cost effective entry level mobile radio with DMR Tier 2 and analog modes. The TM2210 combines affordability with operational simplicity and Loneworkeer capability that is designed to keep your mobile working teams safe and productive.

**tait**  
communications

# TM2210 MOBILES

DMR TIER 2 MOBILE RADIO

## FEATURES AND BENEFITS



Ideal for small fleets to coordinate mobile operations.



Increase efficiency and responsiveness when working to tight schedules.



Trigger emergency calls via the dedicated orange button or loneworker feature.

### Fit for Purpose

The TM2210 is ideal for light duty applications and small business operations - the perfect fit for operational simplicity.

### Great Value

At an affordable price, the TM2210 delivers a wide range of features for both analog and digital (DMR Tier 2) conventional operation.

### Loneworker Safety

Loneworker functionality is a standard feature to help increase safety. The radio will prompt workers to check in at regular intervals and will automatically trigger an emergency call if workers are unable to respond.

### COMPACT FORM FACTOR

Only 5.95 x 1.85 x 5.87in / 151 x 47 x 149mm in size and weighs 40.5oz / 1.15kg with a 1.8" color HD TFT screen and built-in speaker.

### DIGITAL-ANALOG MIXED MODE

The TM2210 can be configured in analog, digital or mixed mode. When configured in mixed mode, the mobile dynamically switches mode depending on the type of signal received.

### PRIVATE VOICE CALLS

Enhanced digital voice calls facilitate call management between team members, allowing communication privacy when required. ARC4 encryption is also available for additional security.

### DMR OPEN STANDARD

Digital Mobile Radio (DMR) is an open standard that enables multivendor compatibility to give you more freedom of choice and value for money throughout the life of your investment.

### RICH SIGNALING

Supports multiple advanced signaling, including MDC1200, DTMF, 2 tone and 5 tone, compatible to analog systems to achieve seamless analog to digital conversion.

### VERSATILE SERVICES

In addition to conventional communication services, the TM2210 provides multiple functions such as Text Message and Emergency calls.

### ROAMING

Automatic roaming helps you to use the radio freely among all sites on a multi-site system.

### GPS LOCATION (OPTIONAL)

Integrated GPS enables the real time tracking of the mobile working team to ensure productivity and safety when out in the field, in the event of an emergency, the right team can be sent to the exact location to assist.

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## FEATURES

DMR TIER 2 MOBILE RADIO



### ACCESSORIES



Mounting Bracket



Power Cord



Microphone

### ALSO AVAILABLE



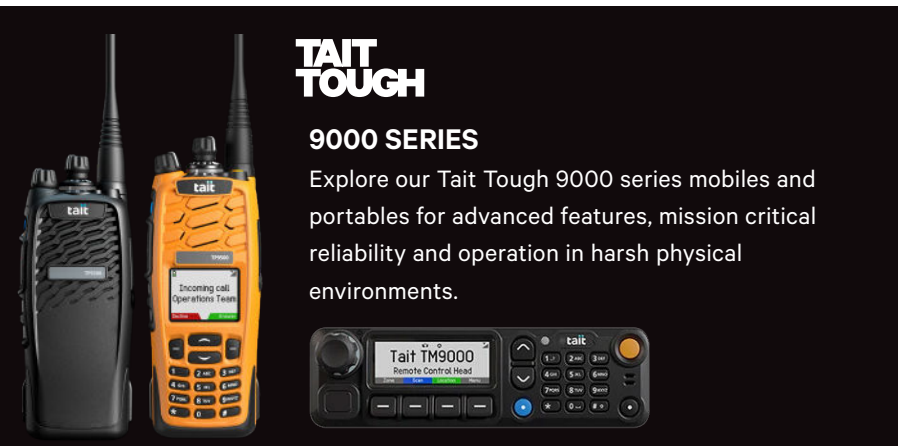
#### TP2210 AND TP3300 PORTABLE RADIOS

Affordable, lightweight and easy to use portable radios supporting conventional analog and DMR Tier 2 modes.

### TAIT TOUGH

#### 9000 SERIES

Explore our Tait Tough 9000 series mobiles and portables for advanced features, mission critical reliability and operation in harsh physical environments.



## TECHNICAL SPECIFICATIONS

GENERAL INFORMATION	
Frequency Range	136-174MHz, 400-470MHz
Channel Capacity	256
Zone Capacity	16
Channel Spacing	20kHz / 25kHz / 12.5kHz
Operating Voltage	13.6V DC ± 15%
Current Drain	
Standby	0.6A
Receive	2.0A
Transmit	8A (25W)
Frequency Stability	0.5ppm
Antenna Impedance	50Ω
Dimensions (H x W x D)	151mm x 47mm x 149mm 5.95in x 1.85in x 5.87in
Weight	40.5oz / 1.15kg
LCD Display	1.8 inch, 5 rows
Dust and Water Protection	IP54

TRANSMITTER	
RF Power Output	Low Power: 5W, High Power: 25W
FM Modulation	11K0F3E @ 12.5kHz, 14K0F3E @ 20kHz, 16K0F3E @ 25kHz
4FSK Digital Modulation	12.5kHz Data: 7K60F1D&7K60FXD, 12.5kHz Voice: 7K60F1E&7K60FXE, Combination of 12.5kHz Voice and Data: 7K60F1W
Modulation Limiting	±2.5kHz @ 12.5kHz, ±4.0kHz @ 20kHz, ±5.0kHz @ 25kHz
FM Hum & Noise	-40dB @ 12.5kHz, -45dB @ 20kHz/25kHz
Adjacent Channel Power	-60dB @ 12.5kHz, -70dB @ 20kHz/25kHz
Audio Response	+1/-3dB
Audio Distortion	≤3%
Digital Vocoder Type	AMBE + 2™
Digital Protocol	ETSI-TS 102 361 -1, -2, -3

RECEIVER	
Sensitivity	
Analog	0.22μV @ 12dB SINAD
Digital	0.22μV @ 5% BER
Selectivity	60dB @ 12.5kHz, 70dB @ 20/25kHz (TIA-603) 60dB @ 12.5kHz, 70dB @ 20/25kHz (ETSI)
Spurious Response Rejection	70dB @ 12.5/20/25kHz (TIA-603) 70dB @ 12.5/20/25kHz (ETSI)
Hum and Noise	-40dB @ 12.5kHz, -45dB @ 20/25kHz
Rated Audio Power Output	3W
Rated Audio Distortion	3% (typical)
Audio Response	+1/-3dB
Conducted Spurious Emission	-57dBm @ <1GHz, -47dBm @ >1GHz

AUTHORIZED PARTNER

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