



## **TP2210 PORTABLES**

### **KEEP BUSINESS MOVING FORWARD**

Increase the productivity of your team by providing cost-effective digital voice communications in a lightweight and easy to operate two-way radio that grows with your business.



# TP2210 PORTABLES

DMR TIER 2 PORTABLE RADIO

## FEATURES AND BENEFITS



Hospitality teams deliver better customer service when communicating efficiently.



Construction crews hear instructions loud and clear using digital DMR technology.



School staff members operate cost-effectively using direct mode communications.

**The Tait TP2210 DMR Tier 2 portable radio combines affordability with operational simplicity, making it a solid investment for your business.**

### GET TEAMS TALKING AFFORDABLY

Start teams talking quickly and affordably using direct radio-to-radio communications without the cost of additional networking equipment.

### MAKE WORKING EASIER

Keep radio operation easy for employees with simple controls and user assistance features like voice annunciation and a programmable function button.

### KEEP BUSINESS MOVING FORWARD

Increase employee and business productivity with digital radio voice communication and collaboration between individuals and teams.

### SAFETY SERVICES

Know the safety status of employees with Emergency Calls or Man Down services.

### CLEAR DIGITAL AUDIO

Hear and be heard in noisy environments like construction sites and event spaces using clear digital audio.

### AUDIO CHANNEL ANNUNCIATION

Ensure you're always communicating with the intended team members by receiving a voice announcement in plain speech when switching between channels.

### ANALOG AND DIGITAL OPERATION

Communicate effortlessly in a mixed group of analog and digital radios, automatically switching modes with no user intervention required.

### LONG SHIFT LIFE

Work with confidence knowing that the TP2210 battery power will keep communications flowing for up to 15 hours on a single charge.

### 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.

### BUILD YOUR WORKFORCE QUICKLY

Rapid workforce expansion and routine employee turnover requires business tools that are easy to learn so new workers can be productive the first day on the job. The simple design of the Tait TP2210 minimizes time spent in training.

### READY TO GROW WITH YOU

The Tait TP2210 provides an easy and low cost entry point using simple radio-to-radio direct calls between users, with the ability to add one or more repeaters to provide coverage over a larger area when needed.

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DMR TIER 2 PORTABLE RADIO

## FEATURES



## TP2210 ACCESSORIES



## ALSO AVAILABLE

**TP3300 PORTABLE RADIOS**

Affordable, lightweight and easy to use portable radios supporting conventional analog and DMR Tier 2 modes. The TP3300 include highly flexible combinations of color, display and keypad, supporting Bluetooth, Location Services and Man Down operation.

**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, 350-400MHz, 400-470MHz. 450-520MHz
Channel Capacity	256
Zone Capacity	16
Channel Spacing	25KHz / 12.5KHz (Analog) 12.5KHz (Digital)
Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Operating Voltage	7.4V DC ± 20%
Battery	2000mAH Li-ion
Dimensions (with battery, without antenna)	116mm x 54mm x 31mm (4.57in x 2.13in x 1.22in)
Weight (with battery and antenna)	280g
IP Rating, Water Ingress	IP54

TRANSMITTER	
RF Power Output	5W / 1W (VHF), 4W / 1W (UHF)
Frequency Stability	±1.5ppm
Frequency Modulation	4FSK (Digital)
Emission Designator	16K0F3E / 11K0F3E (Analog)
Antenna Impedance	50Ω
Modulation Limiting	±2.5KHz @ 12.5KHz, ±5KHz @ 25KHz
Radiated Spurious Emission	-36dBm < 1GHz, -30dBm > 1GHz
Adjacent Channel Power	60dB @ 12.5KHz, 70dB @ 25KHz
FM Noise	40dB @ 12.5KHz, 45dB @ 25KHz
Modulation Distortion	≤ 3%
Audio Response	+ 1 ~ -3dB
Digital Protocol	ETSI TS 102 361 -1, -2, -3
Digital Vocoder Type	ABME+2™

RECEIVER	
Frequency Stability	±1.5 ppm
Sensitivity	0.2μV @ 12dB SINAD, 119dBm @ 5% BER
Adjacent Channel Selectivity	-60dB @ 12.5KHz, -70dB @ 25KHz
Intermodulation	-65dB
Spurious Response Rejection	70dB
Audio Output	1W @ 16Ω
Rated Audio Distortion	≤ 3% (typically)
Audio Response	+1 ~ -3dB
Conducted Spurious Emission	-57dBm @ <1GHz, -47dBm @ >1GHz
Blocking	84dB

AUTHORIZED PARTNER	

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