



## 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.

**tait**  
communications

[allcan.com](http://allcan.com)

## 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.

### 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 using simple controls and user assistance features like voice announcements and a programmable button.

### Power Through Extended Shifts

Work with confidence, even beyond a normal shift, knowing a long-lasting battery with power saving technology will keep you connected with your team.

### KEEP BUSINESS MOVING FORWARD

Your business moves at the speed of your team's ability to meet customer demand. Increase employee productivity and your business by providing digital radio voice communications that accelerate conversation and collaboration between individuals and teams. The Tait TP2210 DMR Tier 2 portable radio combines affordability with operational simplicity, making it the best communications investment for your business.

### PROTECT YOUR INVESTMENTS

The Tait TP2210 is tested and certified to DMR digital radio standards specified for business mobile radio users, which means you can be confident it will work with equipment from other suppliers that adhere to the standard. Operating in a standards-based, multi-vendor environment gives you the highest level of choice and investment protection.

### 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 uses clear and easily identifiable controls to make operation straightforward for users with minimal time spent in training.

### GROW SIMPLY AND COST-AFFORDABLY

Cost-conscious businesses make investments that grow with them. The Tait TP2210 provides an easy and low-cost entry point using simple radio-to-radio direct communications between users, with the ability to grow to a multisite digital system without the cost of new radios or user retraining.

# ta<sup>it</sup> TP2210

## FEATURES

### ANALOG AND DIGITAL OPERATION

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

### COST-EFFECTIVE DIRECT MODE

Avoid the cost of additional networking equipment by operating radios in direct mode, ideal for small and medium single-site workplaces like schools and hotels.

### LOUD AND CLEAR AUDIO

Hear and be heard in noisy environments like construction sites and event spaces using crystal-clear digital DMR technology and a powerful speaker.

### SINGLE CHARGE POWER

Work with confidence beyond a normal shift knowing battery power saving technology will keep communications flowing for up to 15 hours on a single charge.

### USER SAFETY SERVICES

Always know the safety status of employees by activating emergency calling and optional Man Down services on each radio.

### AUDIO CHANNEL ANNOUNCEMENT

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

### RELIABLE AND DURABLE

Keep working, even in harsh conditions, using the radio's rugged design and IP54 standard protection.

### POPULAR ACCESSORIES



Speaker Mic



Belt Clip



Single Unit Charger



Battery



6-Bay Charger



C-Style Earpiece



## TECHNICAL SPECIFICATIONS FOR TP2210

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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