

PANTHER FIRE C.A.T. SYSTEM

TRANSPORTABLE DIGITAL COMMAND POST 2001-CPD



The Panther Electronics Command Post is shown with a telephone style hand set providing Loud and Clear receiver audio to supplement the receiver's speaker, which is located behind the louvered speaker grill. The handset is very useful in noisy locations. (ICOM F1821 pictured)

The Panther Fire C.A.T. System is the ultimate Transportable Command Post, Control Station or Base station available today. It features the ICOM 1721D, 1821D VHF or 2721D, 2821D UHF Mobile Radios with power output of 50 Watts VHF and 45 Watts UHF. Both have 256 Channel capacity programmable either digital or analog per channel. Due to the tremendous power output, it can penetrate "dead" communication areas inside HI-Rise Buildings, Tunnels or otherwise impossible areas for communicating with a Hand-held Portable Radio. A built-in Battery Condition Indicator continuously monitors the level of charge of the 18 Amp Hour Internal Sealed Lead Acid Battery. When the Internal Battery reaches 66% discharged, a graphic indicator displays this with a flashing bright LED. When the Command Post is powered from an External Power Source the LED will extinguish the flashing, indicating that the Fire C.A.T. System Command Post is on Auxiliary Power and the Internal Battery is being charged. The Fire C.A.T. System can be carried using a built-in Shoulder Strap or Carrying Handle and weighs only 22 lbs. The unit is constructed of lightweight aluminum which is configured in a Splash Proof design featuring a louvered vent and welded construction of the cover.

The Fire C.A.T. System is very useful in providing a Manual Relay Position for an Incident commander and Fire Fighters in a building that is impenetrable by an 800 MHz Trunking System. In this scenario the Incident Commander finds a location where he can establish two-way communications with his dispatcher on his Trunking Handheld unit and he can manually relay communications from the Fire Fighters over the Fire C.A.T. System to his dispatcher over the Trunked System. Auxiliary power can be provided to the Command Post from an external 12-volt or a 120-volt source which will power an external 12 Volt power supply to operate the Command Post and charge the battery. A cigar lighter cable will allow the Command Post to be operated from a 12-volt vehicle. A 12-volt socket on the Command Post will allow the use of the internal battery of the Command Post to power a cell phone in an emergency situation.

Patent applied for
Specifications subject to change without notice 12-01-06



A manual relay in progress. The incident commander receives a message from the firefighters on the upper floors of the building over the Command Post Radio and relays the message over 800 MHz Trunked System to his Dispatcher



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