



CLEMCO
The Performance System

TECHNICAL DATA SHEET

Note: For safe, efficient blasting, read and follow the owner's manual and seek training for everyone who will use this equipment.

Description

Portable two-way radio systems provide means of communication between supervisors and one or more job site workers. The same set is used for either supervisor or worker. One set is required for each person. WiComm-Pro is intended for use in occupational/controlled conditions, not for general population consumer use. WiComm-50 is an FRS/GMRS system. Sets include radio (set of two with WiComm-50), chest holster, ultra-lightweight and flexible headset with adjustable boom mic, arm-activated push-to-talk switch, battery charger.

Purpose

Systems provide convenient two-way communication between supervisors and workers on job site.

Advantages

- Job site communication provides critical safety link among workers and supervisors.
- Communication does not interrupt work in progress.
- Can enhance on-the-job training.
- Hands-free operation.
- Increases productivity by reducing work interruptions for instructions.
- Ideal for job sites where workers are separated from supervisor or each other, such as inside tanks, within containment, on bridges, on tank farms, shipyards, or other job sites.
- Multi-channel Motorola® radios allow users to easily select a clear frequency.

Requirements for Operation

Consult FCC: Toll-free 800 225-5322
WiComm-50: 3 AA alkaline batteries or NiMH rechargeable battery.
WiComm-Pro: 7.2v Lithium Ion battery

WiComm-50 Set

The WiComm-50 set includes two FRS/GMRS radios, and one each headset, holster, PTT switch, and battery charger. Additional accessories can be ordered as needed. Assemblies are also available less radio.

WiComm-Pro Set

The WiComm-Pro set includes one radio, headset, holster, PTT switch, and battery charger. Additional accessories can be ordered as needed. Assemblies are also available less radio.

Apollo Wireless Communication Systems

WiComm-Pro Set

Stock No. 24999

WiComm-50 Set

Stock No. 24990



Apollo WiComm-Pro Set
Stock No. 24999



Apollo WiComm-50 Set
Stock No. 24990

Special Order Sets

- The WiComm-Pro radio can be factory ordered with an intrinsically-safe approval.
- The WiComm communications system can be used with customer-supplied radios by ordering a special push-to-talk switch.
- Consult Clemco for either of the above options.

Apollo
WiComm
Radio Systems by CLEMCO

Operation

The WiComm-50 and WiComm-Pro systems are identical except for the radio. These systems are ideal for blasting operations or other job sites, where workers need to communicate but are physically removed from one another. The ultra-lightweight headset easily fits beneath the blast helmet for a blast operator, but is suited for supervisors and all types of workers. Hands-free operation is made possible by mounting the radio in the cross-chest holster and the clipping the generously sized push-to-talk switch on the worker's belt. The PTT is arm/elbow activated. Rechargeable batteries power the radios during a typical 8-hour work shift.

Specifications

Apollo WiComm-50 Radio:

- Up to 8-mile range (under optimum conditions)
- Rechargeable NiCad batteries
- Low-battery alert and meter
- Backlit display and transmit LED signal
- 10 individual call tones
- Keypad lock
- iVOX/VOX hands-free operation
- 10 call tones

Apollo WiComm-Pro Radio:

- 2 Programmable side buttons
- X-Pand™ technology
- Time-Out-Timer
- Channel scan and busy chan lockout
- Internal VOX
- Single priority scan
- Adjustable power levels
- Nuisance channel delete
- Squelch levels
- LED battery indicator

Apollo WiComm-Pro Set includes:

One ultra-lightweight headset with adjustable boom microphone, arm-activated push-to-talk switch, one WiComm-Pro portable two-way radio, battery charger and cross-chest radio holster

Apollo WiComm-Pro Set Less Radio

One ultra-lightweight headset with adjustable boom microphone, arm activated push-to-talk switch for portable two-way radio

Apollo WiComm-Pro Radio

Motorola® CP-200 or similar radio, 4 watts, rechargeable battery, 4 channels, 2 programmable feature buttons, busy channel lockout, high/low power settings, repeater/talkaround, voice operated transmit, timer, monitor, scan and various signaling features

Apollo WiComm-50 Set includes:

One ultra-lightweight headset with adjustable boom microphone, arm-activated push-to-talk switch, two each FRS/GMRS two-way radios with rechargeable batteries, single battery charger

Apollo WiComm-50 Radio

(sold only in a pair)

Two each Motorola® Talkabout or similar two-way radio, 1 watt, 22 channels, 10 call tones, backlit display screen, NiMH rechargeable battery, single battery charger, up to 8 mile range (optimal)

Note: To add a headset and PTT switch to the Wicomm-50 Radio Set, order one each Stock numbers 25000 and 25001.

Individual Helmet Communicator System Components

Ultra-lightweight headset.....25000
PTT switch for WiComm-50 radio25001
PTT switch for WiComm-Pro radio ..25002
Cross-chest holster24996
Wi-Comm Set w/o radio for customer supplied radio - specify radio make and model.....25003



Authorized Distributor:

ISO 9001-2000 certified. Clemco is committed to continuous product improvement. Specifications are subject to change without notice.

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