



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 blast operators and other workers or supervisors. There is no limit to the number of radios in the network. Blast operators require complete sets. Other workers require only the radio. WiComm-Pro is intended for use in occupational/controlled conditions, not for general population consumer use. WiComm-50 is an FRS/GMRS system. Operator sets include radio (set of two with WiComm-50), chest holster (pro-only), ultra-lightweight and flexible headset with adjustable boom mic, arm-activated push-to-talk switch, and battery charger.

Purpose

Systems provide convenient two-way communication between supervisors and workers on the 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.
- WiComm Pro radio is narrow band compliant.
- Narrow band mandate does not apply to Wi-Comm 50 radios

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-Pro Sets

The WiComm-Pro set includes one programmable radio, headset, holster, PTT switch, and battery charger. Additional accessories can be ordered as needed. Assemblies are also available less radio. Intrinsically-safe model available. VHF system available as a special order item.

WiComm-50 Set

The WiComm-50 set includes two FRS/GMRS radios, and one each headset, 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 Intrinsically Safe Pro Set

Stock No. 25826

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 communications system can be used with customer-supplied radios by special order



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 clipping the generously sized push-to-talk switch on the worker's belt. The PTT is arm/elbow activated. Rechargeable batteries power the radios for a typical 8-hour work shift.

Specifications

Apollo WiComm-Pro Radio:

- Motorola CP200 radio or similar
- 2 Programmable side buttons
- 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 Intrinsically Safe WiComm-Pro Radio:

- Motorola PR400 radio or similar
- Intrinsically safe battery, must be used where flammable gas, vapors or combustible dust may be present
- X-Pand™ technology keeps audio quality clean and crisp even in noisy environments

Apollo WiComm-50 Radios:

- Motorola Talkabout 2-way radios or similar
- Up to 23-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

Apollo WiComm-Pro Set with radio

One ultra-lightweight headset with adjustable boom microphone, arm-activated push-to-talk switch, one WiComm-Pro portable two-way radio (Motorola CP200 or similar) battery charger and cross-chest radio holster24999

Apollo WiComm-Pro Set less radio

One ultra-lightweight headset with adjustable boom microphone, arm-activated push-to-talk switch for portable two-way radio24991

Apollo Intrinsically Safe WiComm-Pro Set with radio

One ultra-lightweight headset with adjustable boom microphone, arm-activated push-to-talk switch, one WiComm-Pro portable two-way radio (Motorola PR400 or similar) battery charger and cross-chest radio holster25826

Apollo Intrinsically Safe WiComm-Pro Radio only

Motorola PR400 or similar radio, Intrinsically Safe Battery, Option board expandability, 4 quick access features, 16 channels, rapid rate battery charger, tricolor LED25822

Apollo WiComm-Pro Radio only

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 features21690

Apollo WiComm-50 Set with radios

One ultra-lightweight headset with adjustable boom microphone, arm-activated push-to-talk switch, two each FRS/GMRS two-way radios with rechargeable batteries, dual battery charger24990

Apollo WiComm-50 Radios only

(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 23 mile range (optimal)24995

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

Headset

for respirators with web suspension.....25000

for respirators with DLX suspension25821

PTT switch

for WiComm-50 radio25001

for WiComm-Pro radio25002

Cross-chest holster24996

Throat mic w/speaker, universal25838

Rechargeable battery

for CP20025472

for PR40025825

WiComm Set w/o radio for

customer supplied radio -

specify radio make and model25003

Authorized Distributor:



ISO 9001:2008 certified. Clemco is committed to continuous product improvement. Specifications are subject to change without notice.

© 2012 Clemco Industries Corp. • One Cable Car Drive • Washington, MO 63090 • Phone (636) 239-4300 • Fax (636) 239-0788

Stock No. 23439 • www.clemcoindustries.com • email: info@clemcoindustries.com • 1295 Rev. C, 11/12