SMART CRANE ANNOUNCEMENT SYSTEM

(MODEL-CAS-HF)

SMART INDUSTRIAL CRANE ANNOUNCEMENT SYSTEM (CAS-HF) is ideal for locations where communication through any means is not possible either because of impossible cabling or position in giant & high cranes.

The unit is designed using standard walkie-talkie handset of reputed brand. The walkie-talkie sets supplied by the user is connected to external amplifier, ptt switch/foot lever switch & S-MIC. The communication is enabled by use of PTT switch/ foot switch lever provided. The incoming voice is heard over the internal loudspeaker

SMART CAS-HF UNIT operates on 220 V AC or 110 V AC. The unit is sealed dustproof type with only the antenna projecting outside the unit with inbuilt amplifier speaker & battery back up.



OPERATIONS: -

1) **TO MAKE ANNOUNCEMENT: -**
   - Press PTT switch/foot lever switch and announce.
   - Release PTT switch/foot lever switch to hear other party in same frequency channel.

2) **INCOMING CALL: -**
   - When there is a call from any other CAS-HF, it is heard over all the units operating on same frequency channel
   - Press PTT switch/foot lever switch to talk and release the switch to listen
   - Communication will be heard by all the CAS-HF units operating on same frequency band.
   - The communication will be in simplex mode pressing PTT switch/foot lever will enable transmitter and releasing will activate the receiver.

VERSATILE APPLICATIONS: -

❋ Giant & High Cranes ❋ Cement Plants.. ❋ Mines. ❋ Petrochemical Refineries. ❋ Chemical Plants. ❋ Construction Sites. ❋ Steel Plants. ❋ Spinning Yarns ❋ Fertilizer Plants. ❋ Sugar Mills. ❋ Power Generation Facilities ❋ Pulp & Paper Mills ❋ Food Processing Plant ❋ Warehouses ❋ Ammonia Storage Area ❋ Recreation Facilities ❋Hydroelectric Facilities ❋ Drilling Rigs ❋Ammonia Storage Area ❋ Process industries❋ ANY LARGE AND MEDIUM SCALE INDUSTRIAL UNITS.

SMART CHOICE: -

- Simple Installation.
- Operating voltage 85-265 VAC.
- 18 gauge rugged steel powder coated construction.
- Sleek S-type mic.
- Inbuilt internal speaker for hearing.
- PTT SWITCH/FOOT LEVER SWITCH for communication.
- Inbuilt amplifier.
- No external battery required for operating the walkie-talkie sets.
- Built in battery backup.
- Environment Protected.
- Single PCB design for plug n play operation
- Easy troubleshooting insuring minimum downtime

SPECIFICATIONS: -

Electrical Requirement :-

Power Source	SMPS SUPPLY.
Walkie Talkie	Any reputed make (VHF or UHF).
Power consumption	< 15 Watts.
Stand by consumption	< 2 Watts.
Amplifier	3 Watts (RMS).
Internal Speaker	3 Watts, 8 ohms.

Mechanical Specifications :-

Dimensions	220 X 220 X 80 mm.
Weight	3 Kgs.(with the walkie talkie set)
Construction	18 gauge Powder Coated Steel Body.
Standard mounting	Vertical wall / panel/ flush type
Mic	S mic.

Environmental :-

Moisture Resistance	0 to 95% humidity with PCB conformal coated.
Temperature Range	0 to +50C.
Dust resistance	Fully gasketted enclosure.

INDUSTRIAL COMMUNICATIONS SIMPLIFIED.

Cables & Wireless Co.

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"(Specifications and description subjected to change without prior notice)"