

User's Guide for
HEAVY DUTY PHONE PA2-KNZD-14



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Multi-Party Paging System PA2-KNZD-14

OVERALL DIAGRAM

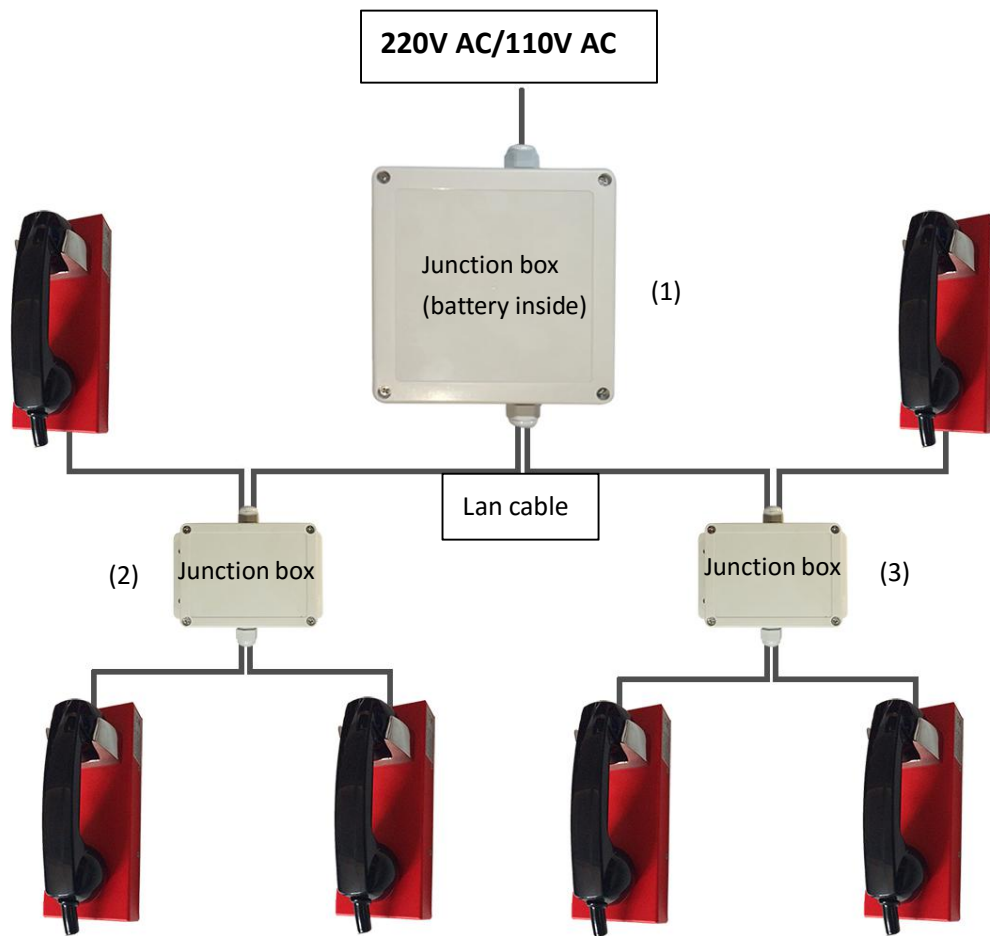


Figure1:overall diagram

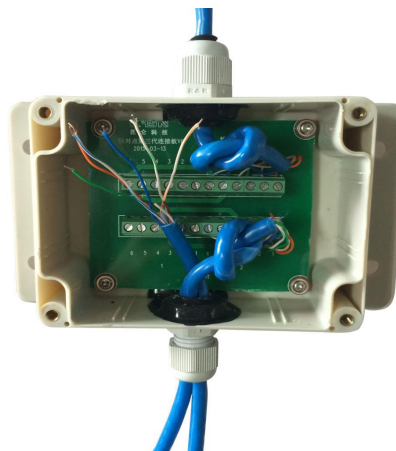


Figure2: inside of junction box

How to connect?

Figure1:

(1) Upper port:: connect to power supply via lan cable;
Below port: connect to 2 junction boxes via lan cables;

(2) Upper port:: one cable connect to junction box, another connect to telephone;
Below port: both connect to telephones;

(3) Upper port:: one cable connect to junction box, another connect to telephone;
Below port: both connect to telephones;

Figure2 and figure 3:

The lan cables in the junction, each color should be connected completely right.

LAN CABLE CONNECTION

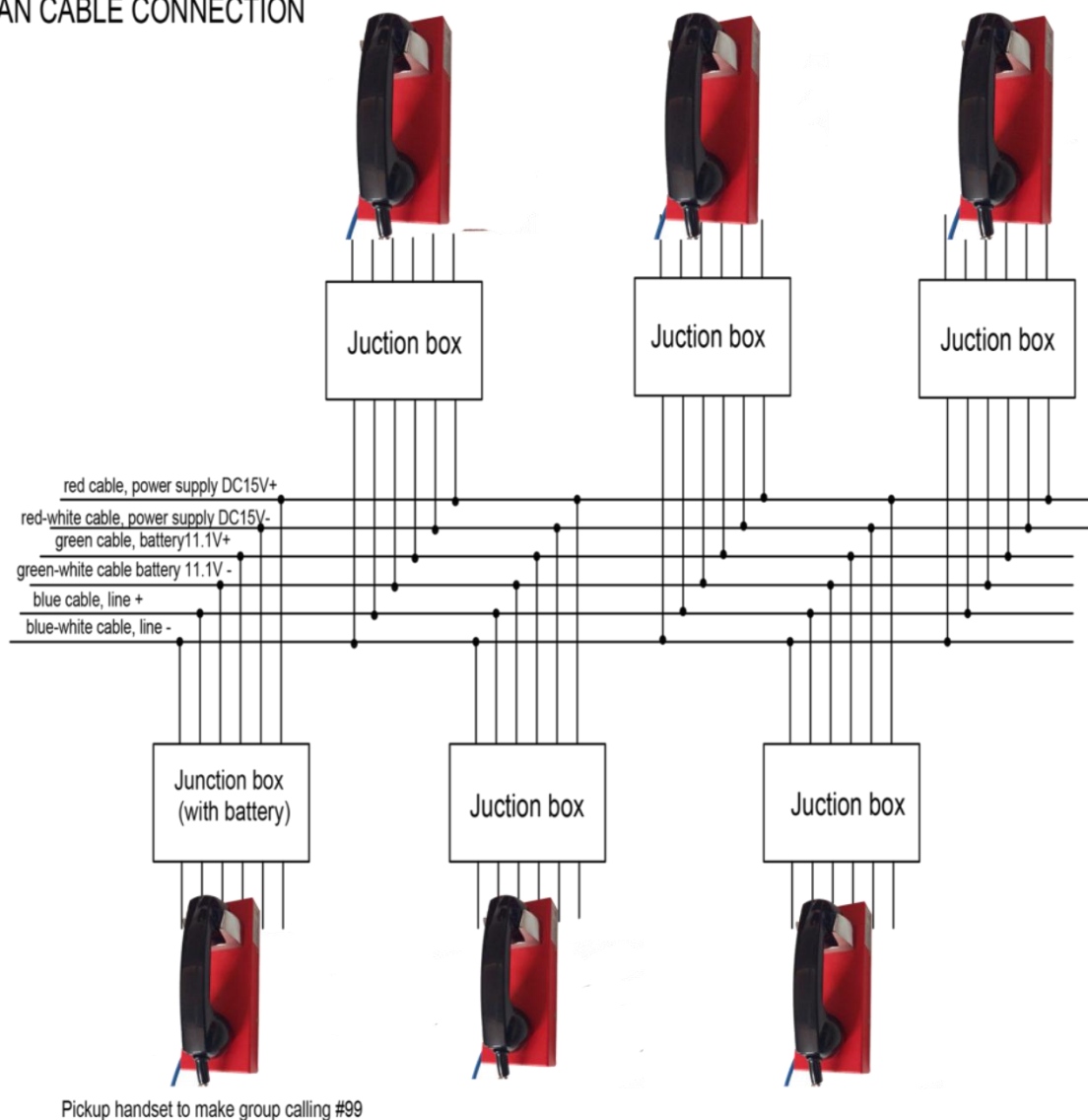


Figure 3: Lan cable connection

HSYV lan cable

- 1 red cable - power supply DC15V+
- 2 red-white cable-power supply DC15V-
- 3 green cable - battery 11.1V+
- 4 green-white cable - battery 11.1V-
- 5 blue cable-telephone line +
- 6 blue-white cable - telephone line -

battery switch

- 1 turn on
- 0 turn off

- 3 red cable-battery 11.1V+
- 4 black cable-battery 11.1V-

- 1 white cable-power supply DC15V+
- 2 black cable-power supply DC15V-

power adapter
AC110--220V DC15V

Features:

- ✧ Two-way, multi-party communication
- ✧ Wall mount, desktop, and panel mount models
- ✧ Indoor, outdoor and hazardous location models
- ✧ Each station available in 24VDC and 220VAC/110VAC
- ✧ Distance Maximum to 4KM
- ✧ Analogue system auto answer and auto stop

**Introduction:**

The "Multi-Party Talk" Paging system is designed for communication in industrial environments where high noise, corrosive atmospheres, hazardous areas and extremes of temperature, dust and humidity create hostile environments.

The "Multi-Party Talk" system allows operators to both broadcast instructions over the system speakers and hold conversation with two or more people.

Operation:

To initiate communication or broadcast over the system, the operator at one of the station lifts the handset from the cradle, presses the push-to-page button located beside handset and speaks into the microphone. All there station ringing and auto-answer. All the other user at all other station can joins the conversation by lifts the handset and speaking into the handset. The system allow all party simultaneous conversation without cross-talk or interference. After conversation each station will auto off to release the line.

Junction box: 220VAC/110VAC and built-in battery back 2 hours

Telephone station: line powered from Junction box.

Application:

Popular applications include elevator, power plants, TBM machine, security room, metal processing plants, mining operations, paper mills, offshore platforms, water treatment plants, and manufacturing, packaging, and processing plants.

Wire requirements:

One cable built in 2 Pair cable: 1 pair for power supply and 1 pair for conversation transmission.

Power supply:

Available in 24VDC and 220VAC/110VAC

Built-in rechargeable battery 12V for 2 hours back-up.