

## **Rig Call Control box**

**Model: KNFX-16JB Master**



## **KNFX-16JB Master Technical Specification**

### **1. DESCRIPTION**

Rig Control box: Model: KNFX-16JB Master

Ports number: 16 analogue telephone line

Flexible configuration of FXS/FXO ports

SIP/MGCP protocol for IPPABX integration

Class I lightning protection

Suitable for offshore environment

Anti-corrosion/durable/waterproof IP66

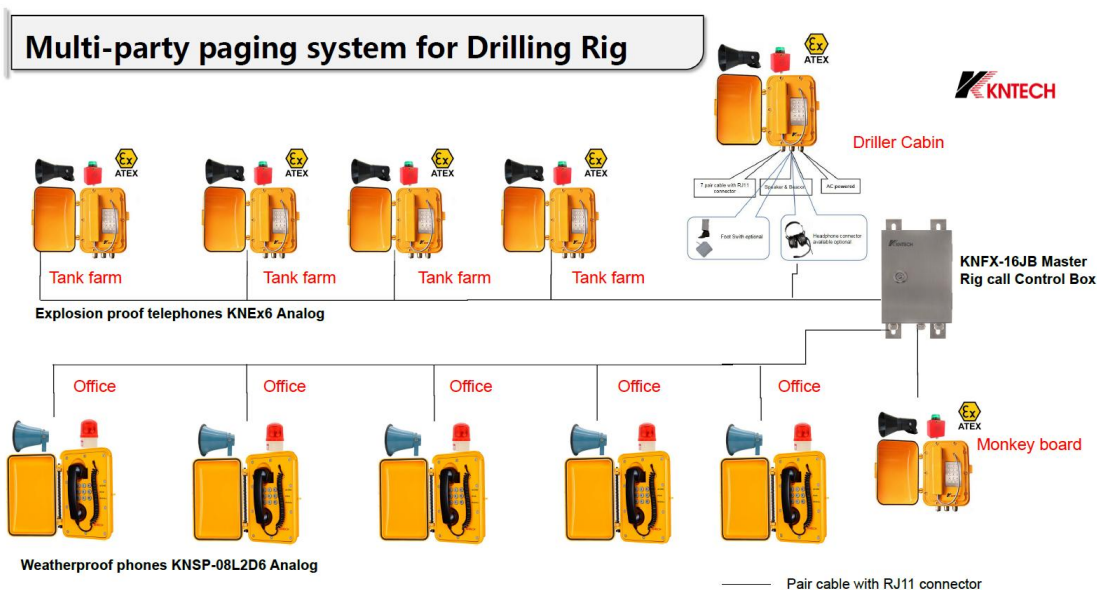
KNFX-16JB Master is designed as compact units with 16 FXS/FXO ports, 1 WAN port, and 1 PC port, which allow users to apply them as N-to-1 systems capable of providing versatile solutions by connecting analog phone, fax and POS machine, IP telephony and PSTN.

\*Up to 16 line extension in Analogue

\*One to one call, one to multi-party call, one to all call.

\*One to one paging, one to multi-party paging, one to all paging

\*Paging and Party, or paging or party optional.



## 2. Specification

| Item                  | KNFX-16JB Master                            |
|-----------------------|---|
| Adapter(input/output) | input: AC 100-240V output: 12V 3A / 3.3V 5A |
| WAN                   | 10/ 100Base- T RJ-45 for LAN , Auto MDIX    |
| LAN                   | 10/ 100Base- T RJ-45 for PC , Auto MDIX     |
| power consumption     | Stay: 15 W working: 40W                     |
| operating temperature | - 5 ~ 50 C                                  |
| Relative humidity     | 5~95% Non - Condensing                      |
| Material              | Stainless steel 316/304                     |
| Waterproof rating     | IP66  |
| Dimension             | 300*220*130MM                               |
| Weight                | 3KG   |

### **3. Voice features**

- Support FXS Port: 16 Extension Number
- Support SIP 2.0 (RFC3261) and SIP related rfc
- Voice code: G.711A/u, G.7231 high/low, G.729
- Echo cancellation: support G.168 standard. reach to cancellation for 128ms
- long-line transmission: Support telephone line for 7KM
- Support VAD, CNG
- SIP supports SIP domain , SIP certificate ( none , basic, MD5), DNS, point to point ( DIALPEER setting and IP inputting) calling
- SIP support registered 16 account in the same time;Support could make calling via any account;
- Support DTFM mode: SIP info, RFC2833
- Support Fax :T.38、VBD 、BYPASS
- Support SIP application, including before the call (unconditional transfer/no answer transfer/user busy transfer), call transfer (blind turn/ask), after three calls, call hold, call waiting, call a hotline number, quickly abbreviated dial, number replace rules, restrictions, call, don't disturb, caller id, outside threats ringing, outside threats ring, etc.

### **4. Network features**

- Support xDSL PPPoE and redial when out off line.
- Support VLAN (DATA VLAN and VOICE VLAN)
- WAN support DNS server function, support in DHCP mode, set dynamic DNS or static DNS address
- WAN support DHCP Client
- Support DNS Relay , SNTP Client , firewall
- Qos support TOS 、DSCP

### **5. Management and maintenance**

- Support serial interface mode and can be program updates via a serial port mode
- Support configure via website , telnet and serial port
- Support upgrade and configure the files via HTTP and FTP

Material: SUS316, 1.2mm

