

Introduction

03-CZ1205(Revision: 20240228)

The CE-19 data interface extension unit is suitable for extending the ACC port of X5105 or G90 to facilitate user access to PC or other data terminals, modems and so on. The expansion unit extends the MINI-DIN8 interface to the commonly used 3.5mm stereo socket and extends the MINI-DIN6 interface for the XPA125 interface independently, which is convenient for users to use. Details are as follows (Take X5105 as an example).

1. The interface distribution on the board is shown in Figure 1:



CE-19 PTT output signal by a relay output pins, and X5105 completely isolated, can adapt to different versions of the XPA125, can also be adapted to other brands of amplifiers (low trigger).

Figure 1 Switch

Power indicator LED: lighting after connected to the X5105.

Launch light: on when the X5105 is transmitting.

2. Interface description

Port definition:



On the CE-19's cover, the terminal definitions for each interface are printed.

Figure 2 Interface distribution

PTT CON- PTT signal / BAND signal output port, the port PTT signal completely isolated with the host, providing linkage with the host "low" trigger.

6PIN-MINIDIN- XPA125 dedicated interface

AF CON- Audio input / output port. The audio output from this port is directly output after demodulation, no filter.

DATA CON- Data output port. The audio output from this port passes through the active filter in the machine. The two terminals of this port are parallel, the output signal are the same.

- The definition of each extended port is the same as that of the corresponding port of the ACC port of the X5105 host. See the X5105 manual.
- The definition of terminal expansion port, please refer to the expansion card surface indication information.
- When used for amateur radio data communication, audio input / output connect the AF CON interface.