





## PD98X Highlights Brand New Features

### 01

#### Micro SD Card

PD98X records and stores critical voice call or data in Micro SD card.

PD98X supports maximum 32G Micro SD card, and records record up to 576 hours digital/ analog voice.



### 03

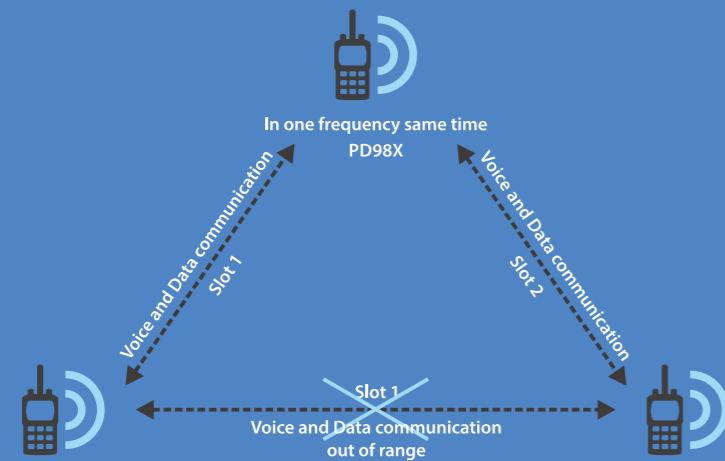
#### BT 4.0

PD98X has built in BT 4.0, which not only supports audio transmission, but also data transmission, such as programming via Bluetooth etc.

### 02

#### Single Frequency Repeater Mode

Based on Interference cancellation technique, PD98X can use one slot to receive signal and the other to transmit it in the same frequency at the same time in DMO mode to extend communication distance.



### 04

#### Full Duplex Call

PD98X can make full duplex call with PD98X, telephone or cell phone.

### 05

#### RTC

RTC allows the radio to display the accurate time of received message and call.

### 06

#### Smart Battery

PD98X support smart battery, which makes it easier to monitor the battery status, such as life time, charging time, etc. This also reduces the charging time dramatically.



BT 4.0



Micro SD Card



Single Frequency Repeater Mode



Full Duplex Call



RTC



Smart Battery

## PD98X Highlights Hardware Advantages



#### Better Sensitivity and Frequency Stability

Advanced technology improves receiving performance to enhance communication distance and reliability.



**Sensitivity 26%**

Compared with PD78X, PD98X adopts brand new hardware design enhance +26% Sensitivity.



#### IP68 Protection

Ip68 Dust and Waterproof Standard ensures outstanding performance even in harsh environments.



#### Enhanced Voice Quality

Maximum 2.5W output speaker and new noise cancelling technology ensure clear and loud voice.

#### Noisy environment

Figure 1 Without noise cancellation

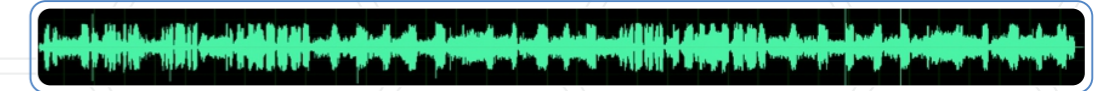
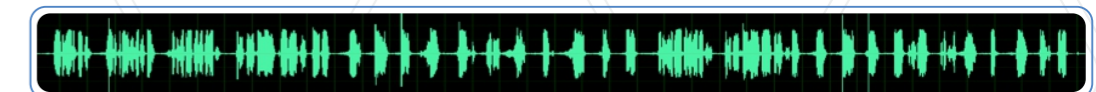


Figure 2 With noise cancellation



#### Windy environment

Figure 1 Without echo cancellation

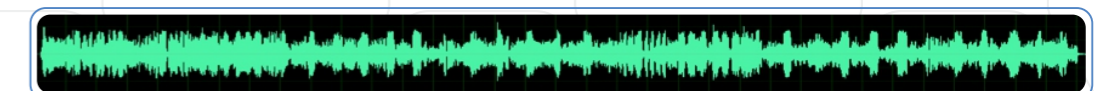


Figure 2 With echo cancellation

