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## **CooVox Module Setting Guide**

## PART 1 Read Me before Installing

The most innovation of CooVox Series IP Phone System is the modular design. You can purchase the host device and modules separately. For friendly use of CooVox, there are standard modules and extended modules for option. Here we provide Module Setting Guide as reference.

Standard Module	
4FXO	4 FXO Ports Module
4FXS	4 FXS Ports Module
2FXOS	2 FXO Ports & 2 FXS Ports Module
2GSM	2 GSM Ports Module
4GSM	4 GSM Ports Module
1PRI	1 PRI Port Module
4BRI	4 BRI Ports Module
FXO-200	2 FXO Ports Module
FXS-200	2 FXS Ports Module
FXOS	1 FXO Port & 1 FXS Port Module
1GSM	1 GSM Port Module
Extended Module	
1UM	3G WCDMA Module
32EM	Echo Cancellation Module for 32 Channels

Host Device	Available Modules
CooVox-U20	FXO-200 / FXS-200 / FXOS / 1GSM/ 1UM
CooVox-U50	4FXO / 4FXS / 2FXOS / 2GSM / 4GSM 1PRI (for Slot1 only) / 4BRI (for Slot1 only) / 1UM / 32EM
CooVox-U60	FXO-200 / FXS-200 / FXOS / 1UM
CooVox-U100	4FXO / 4FXS / 2FXOS / 2GSM / 4GSM 1PRI / 4BRI (for Slot2 only) / 1UM / 32EM

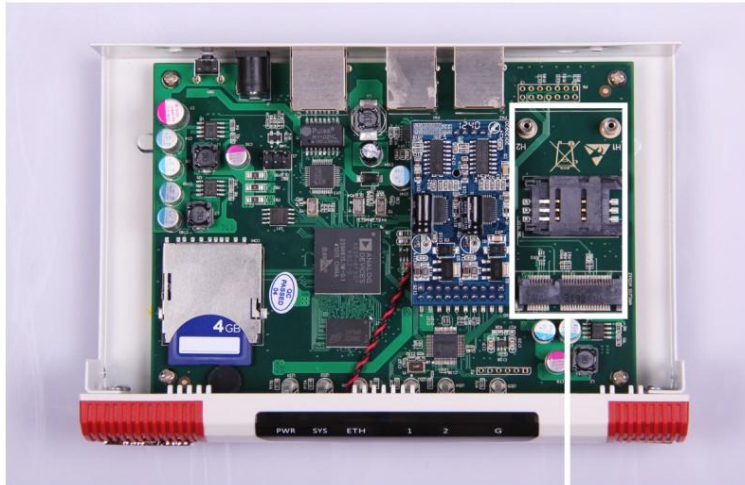
### Notice:

1. Only ZYCOO Standard and Extended Modules are allowed to install on ZYCOO CooVox IP Phone Systems
2. Slot 2 on U50 is not available for 1PRI/4BRI; Slot 1 on U100 is not available for 4BRI
3. Make sure the device is powered off before installing modules
4. Peel off the insulating film on the connecting finger of modules as long as there is
5. Make sure the modules are clean and right side up, always install gently
6. Tighten the modules up with the screws coming together
7. On 1PRI & 4BRI, sometimes the jumper needs to be switched, referring to the module datasheet

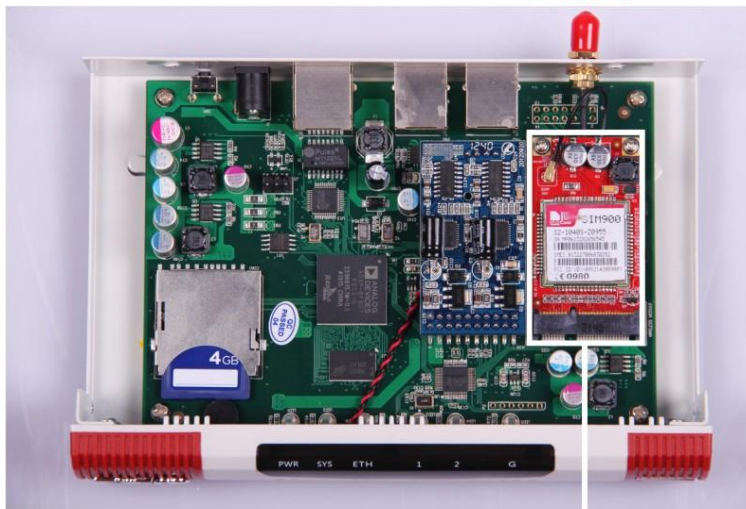
## **PART 2 Installation of Standard & Extended Module**

### **On CooVox-U20**

## CooVox-U20



GSM / UMTS

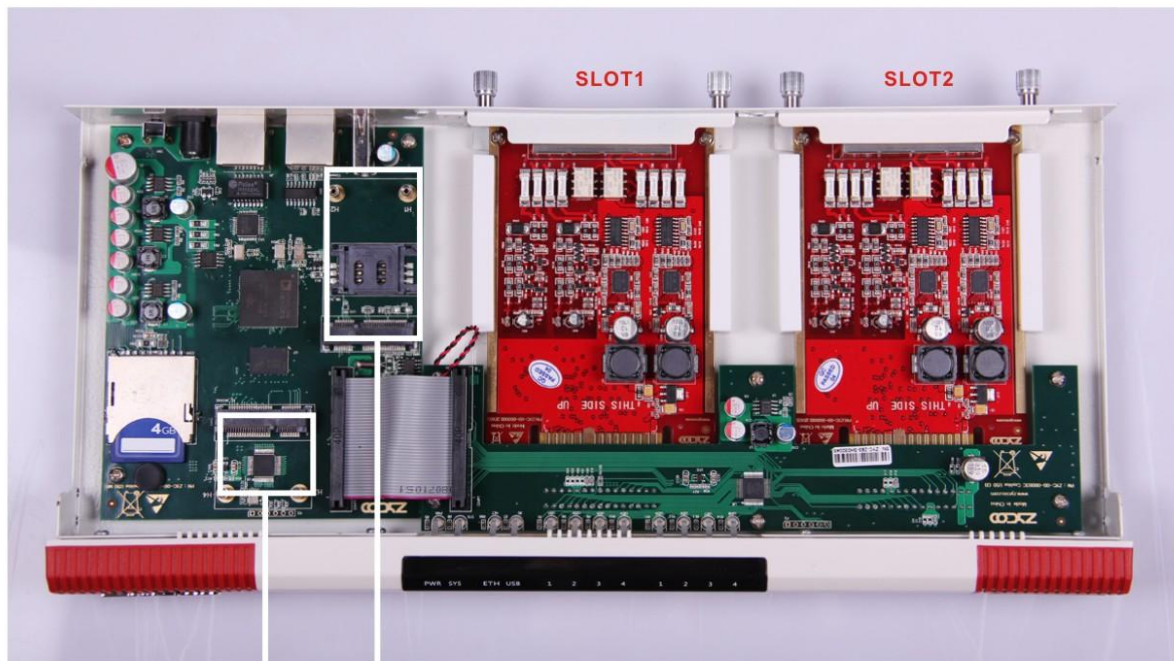


GSM



UMTS

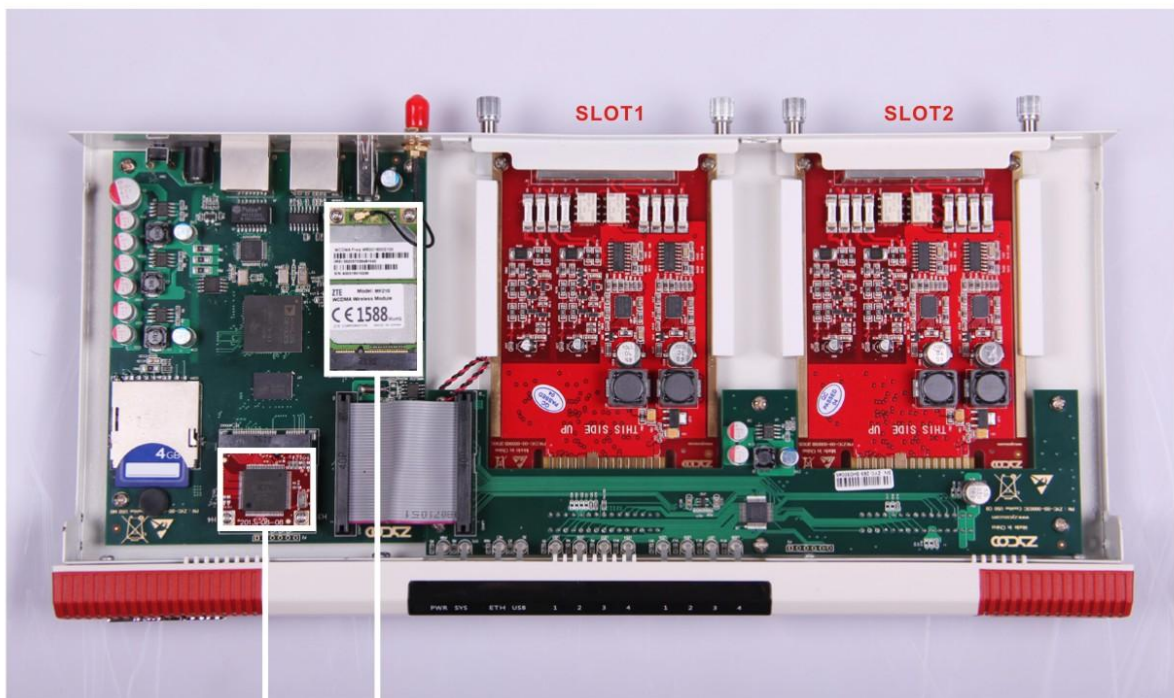
On CooVox-U50



Echo  
Cancellation

UMTS

Coovox-U50

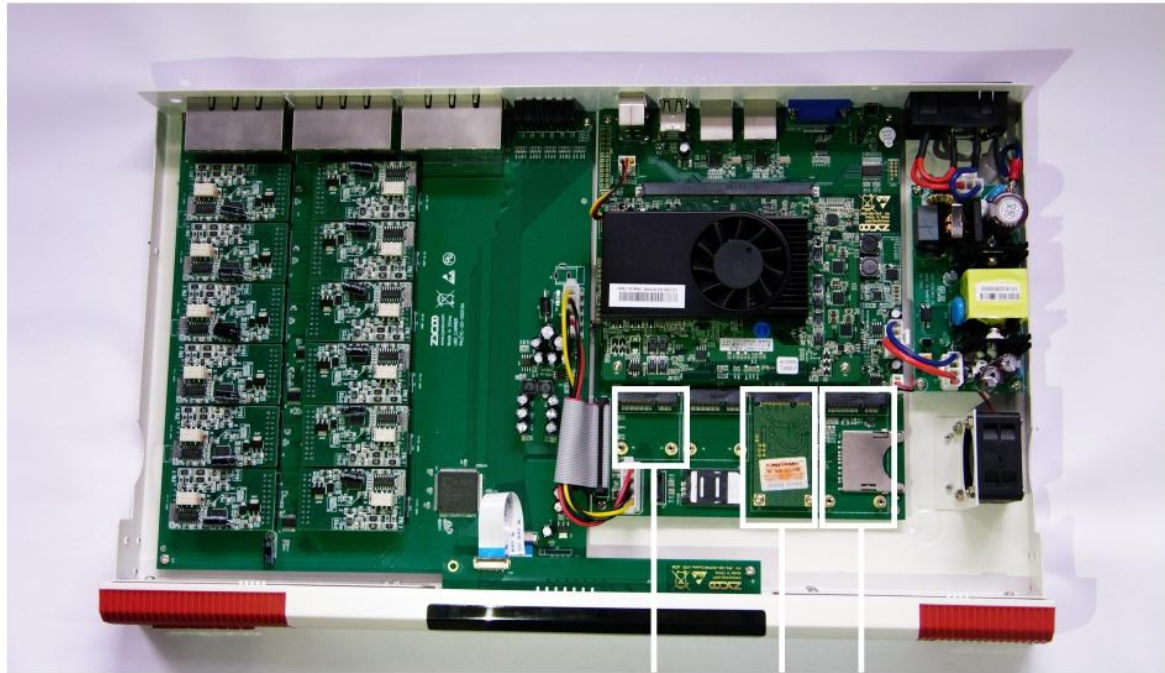


Echo  
Cancellation

UMTS

On Coovox-U60





Echo  
Cancellation

SSD

UMTS

CooVox-U60

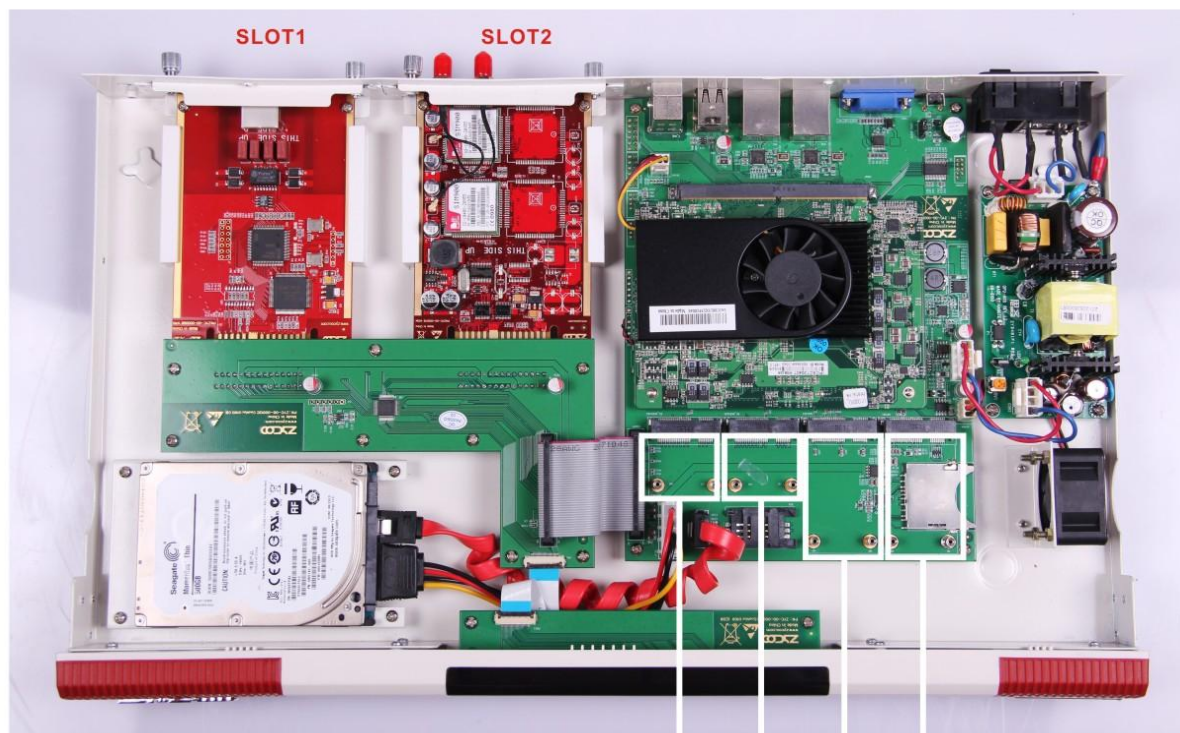


Echo  
Cancellation

SSD

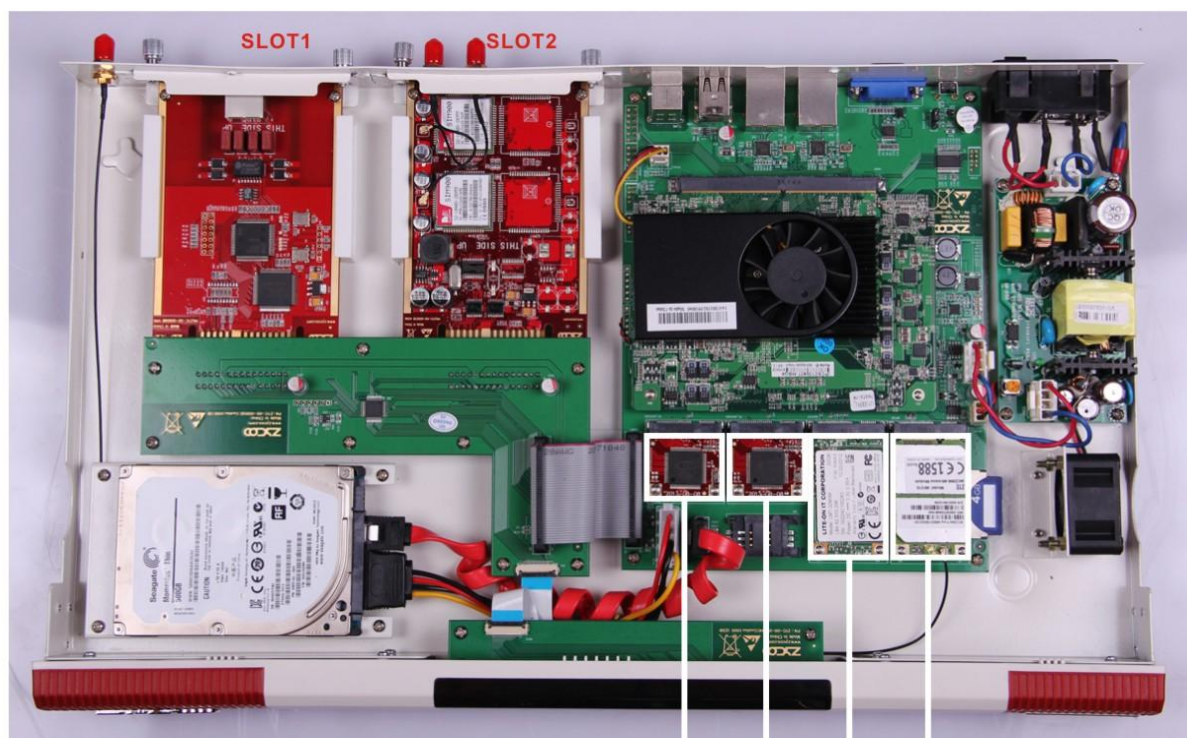
UMTS

On Coovox-U100



CooVox-U100

Echo Cancellation for Slot 2  
 Echo Cancellation for Slot 1  
 SSD UMTS



Echo Cancellation for Slot 2  
 Echo Cancellation for Slot 1  
 SSD UMTS

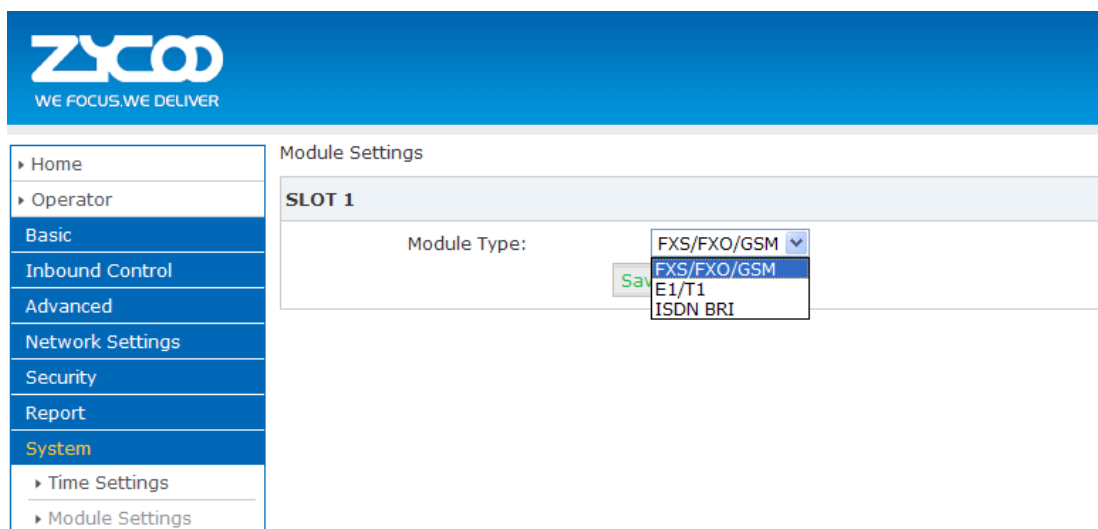
### PART 3 Web Interface Settings



## Settings of Standard Module

1. After the module is installed on the CooVox properly, confirm power is connected, and everything is ready for system configuration
2. Login the system with default IP address: <http://192.168.1.100:9999>  
Default username and password: admin/ admin
3. Go to **【System】** ----> **【Module Settings】** as below:

### FXO/FXS/GSM Module

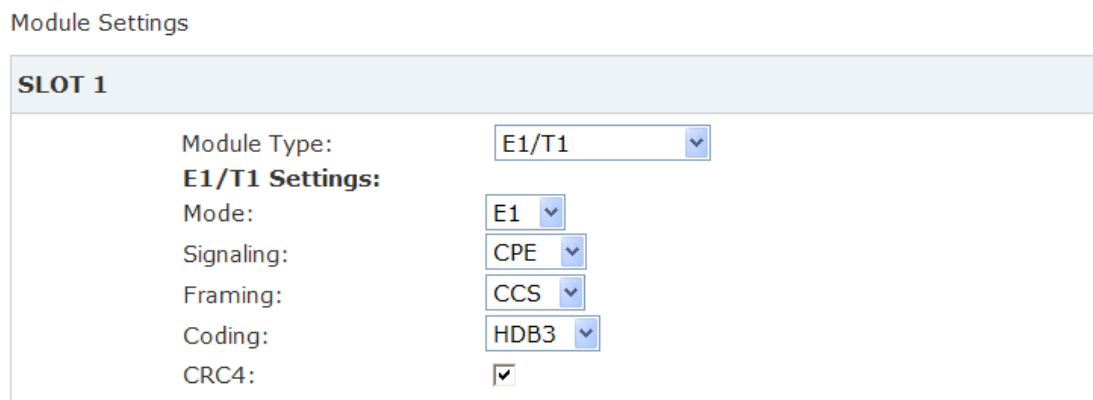


The screenshot shows the Zycoo web interface. On the left is a navigation menu with options: Home, Operator, Basic, Inbound Control, Advanced, Network Settings, Security, Report, System (highlighted), Time Settings, and Module Settings. The main content area is titled 'Module Settings' and shows 'SLOT 1'. Under 'Module Type:', a dropdown menu is open with the following options: FXS/FXO/GSM (selected), E1/T1, and ISDN BRI. A green 'Save' button is located next to the dropdown.

Select the module from the drop list that you just installed and click **【Save】** .(SLOT2 of U50 supports FXS/FXO/GSM only, and module installed can be identified automatically, without being selected manually.)

### PRI Module

PRI Module settings as below:



The screenshot shows the 'Module Settings' page for 'SLOT 1'. The 'Module Type:' dropdown is set to 'E1/T1'. Below it, the 'E1/T1 Settings:' section contains several configuration options: 'Mode:' is set to 'E1'; 'Signaling:' is set to 'CPE'; 'Framing:' is set to 'CCS'; 'Coding:' is set to 'HDB3'; and 'CRC4:' is checked with a checkbox.

### BRI Module

BRI Module settings as below:



## Module Settings

SLOT 1	
Module Type:	ISDN BRI
<b>BRI Settings:</b>	
Type of Port 1:	TE
Type of Port 2:	TE
Type of Port 3:	TE
Type of Port 4:	TE

## Settings of Extended Module

### 1UM Module

To enable and configure 1UM UMTS 3G Module, go to **【Network Settings】** ----> **【3G Network】**

#### 3G Network Settings

3G Network Settings	3G Network Log
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3G Network Settings	
Enable:	<input type="checkbox"/>
APN:	<input type="text"/>
Dial Number:	<input type="text"/>
Username:	<input type="text"/>
Password:	<input type="text"/>

### 32EM Module

To enable 32EM Echo Cancellation Module, go to **【System】** ----> **【Module Settings】**

#### Module Settings

SLOT 1	
Module Type:	FXS/FXO/GSM
Hardware Echo Cancellation:	<input type="checkbox"/>

SLOT 2	
Module Type:	NONE
Hardware Echo Cancellation:	<input type="checkbox"/>