

## AX520 2-Line Switch

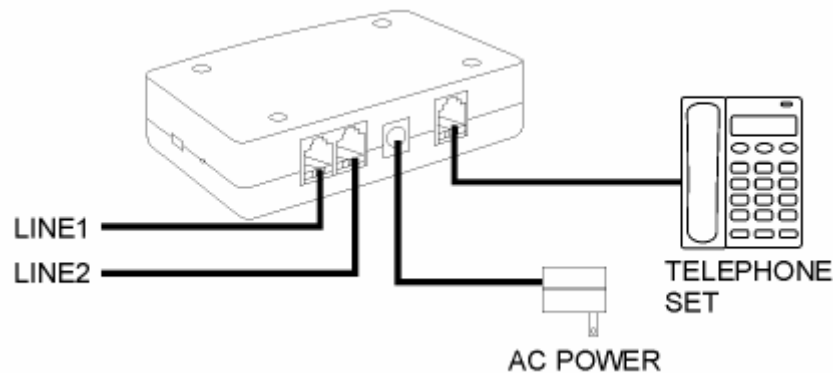
AX520 has 2 line jacks and one phone jack. The line jacks can connect to PSTN line or VOIP line. Whenever there is a ring from either of them, the phone will ring.

When user wants to make a phone call, it goes through LINE1 jack automatically. To dial out from LINE 2 jack, just dial #0 before the telephone number to access LINE 2.

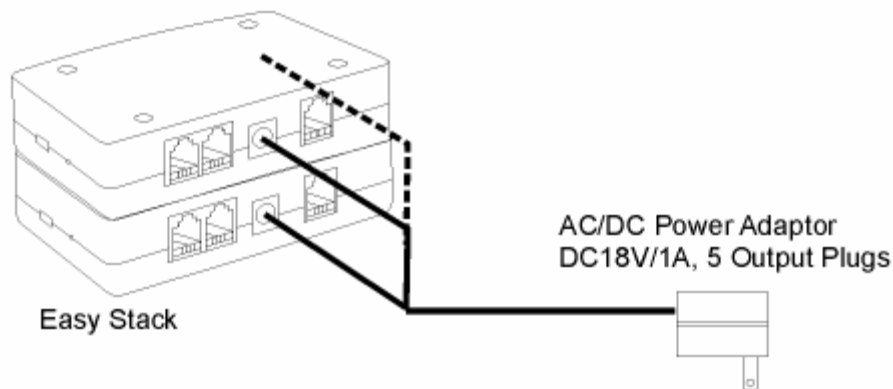
It is also ideal for FXS VOIP gateway. Sometimes the users do not have enough line port on PBX or KTS. It can be used to 'expand' the number of CO line ports.



### 1. Connection



- 1.1. Connect the adaptor DC18V/200mA
- 1.2. Connect a telephone line (or an analog PBX extension line) to LINE 1 of AX520, and connect another line to LINE 2
- 1.3. Connect a telephone set (or the CO line interface of a PBX) to PHPONE jack of AX520
- 1.4. If there are more than 2 AX520 being used, easily stack up the devices. An optional 5-output AC/DC power adaptor is recommended



## 2. Operation and Indication

### 2.1. Incoming Calls

During idle mode, LED flashes every 2.5 second in RED. When a call is coming from LINE 1, the LED flashes fast in RED, the telephone rings. During LINE 1 is used, LED keeps lighting in RED

### 2.2. Outgoing Calls

When user picks up the handset, LINE 1 will be connected. LED turns to RED (LINE 1 is the default outgoing line). If the user wants to make call through LINE 2, dial #0, and the LED will turn to GREEN and LINE 2 will be connected.

### 2.3. Power Off

When the power is of, or the switch is on BYPASS position, the telephone will connect to LINE 2 all the time

### 2.4. Auto Engaged

When either line is used, the other line will be engaged automatically. For example, when you are talking on LINE 1, when someone tries to call LINE 2, the call will jump to the next number of hunting line group

### 2.5. Memory Dialing

If you usually dial some numbers through LINE 2, you can store the number into the memory buttons of the phone set with prefix #0. For example, if you used to call 12345678 via LINE 2, you can store #012345678 in the phone memory. When you want to call this number, just press the memory button.

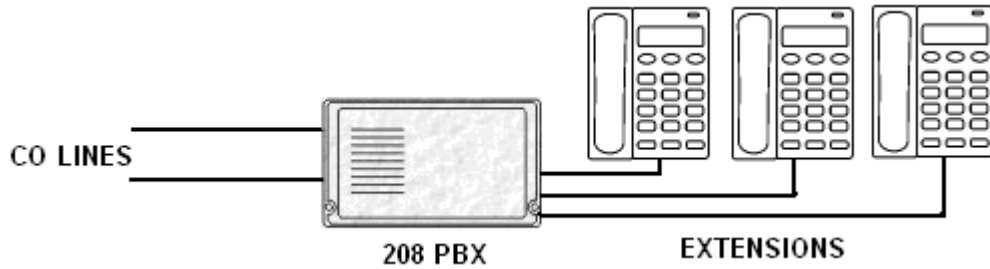
## 3. Summary of LED indication

Mode	LED color	Blinking Speed
Idle	RED	Flashes every 2.5second
Incoming call at LINE 1	RED	Flashes fast
LINE 1 in used	RED	Always ON
LINE 1 connected	RED	Always ON

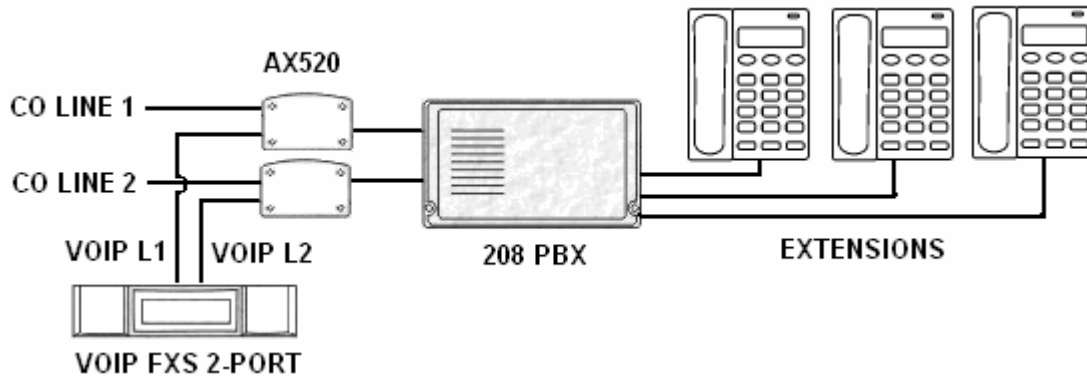
LINE 2 connected	GREEN	Always ON
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4. Example of Applications

- 4.1. Expand CO lines  
 Before: 2 CO lines are occupied



After:



- 4.2. 2 lines concurrent connection

