



The use of the ZIGBEE with the SAB ULTIMATE SUPER PLUS HD, ULTIMATE CISC, FTASC PLUS, FTASC, FTA

What is ZIGBEE?

The ZIGBEE is a replacement of the RS-232 cable. It is also called as wireless data communication protocol comport.

Where is the ZIGBEE used for?

You can use the ZIGBEE with the SAB Ultimate-series. The smart card that you will use can be used by means of the ZIGBEE with different receivers in the same environment. The ZIGBEE can be used with one smartcard in the same environment with multiple (maximum 10) receivers. The users can view various channels. The SAB Ultimate Fta receiver can only be used as a client.

Which receivers can be used for the ZIGBEE ?

De SAB Ultimate HD super Plus and/or
SAB Ultimate CISC and/or
SAB Ultimate FTASC Plus and/or
SAB Ultimate FTASC and/or
SAB Ultimate FTA.

Zigbee:



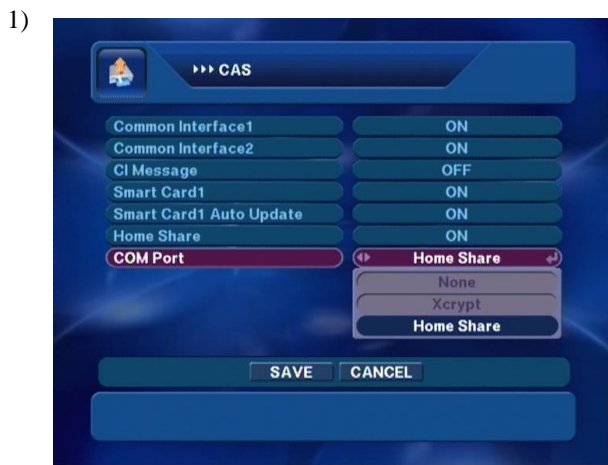


How to connect the ZIGBEE?

Place the smartcard into the receiver that you will use for the ZIGBEE. Use this receiver as the Master-receiver (main receiver). The ZIGBEE must be connected into the RS-232 comport, which is attached behind the receiver.

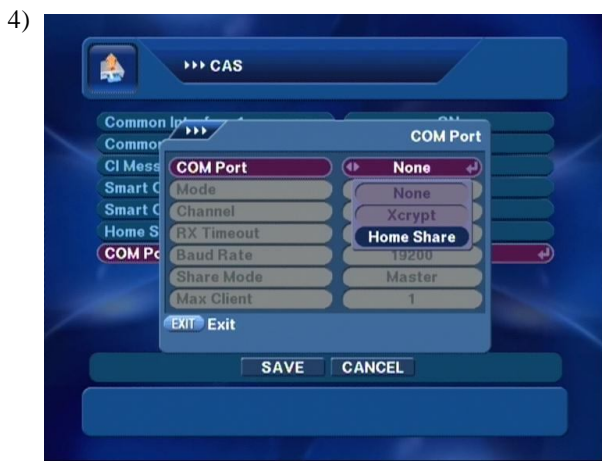
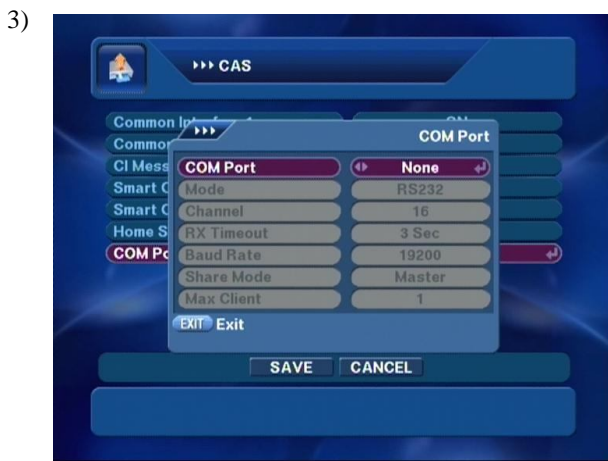
CAS

- 1) Go to COM Port bar and press OK. Then you can see the list. Select Home Share.
- 2) After selecting Home share, press red key.



CAS – COM Port

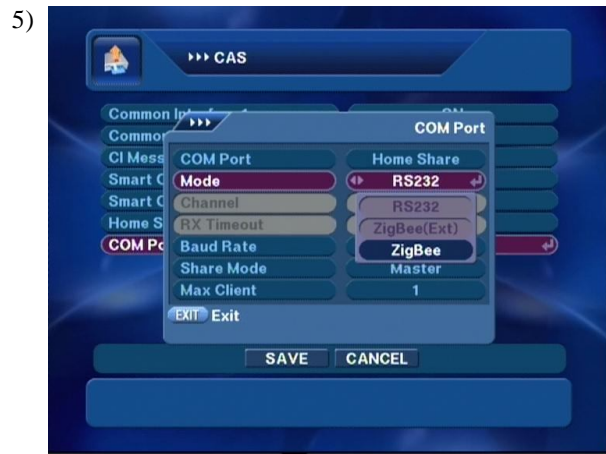
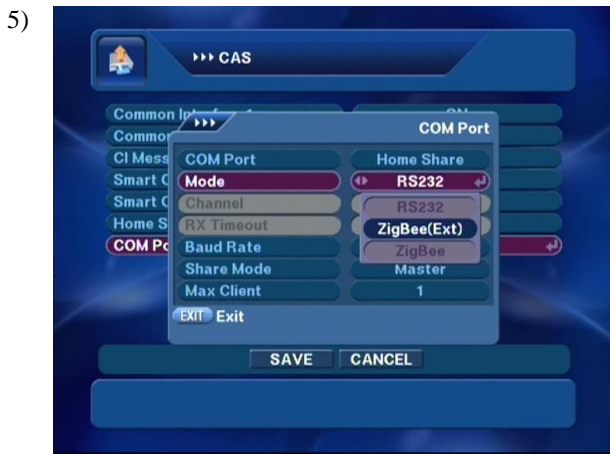
- 3) Now you can see the popup for Comport.
- 4) Press OK key and select Home Share.





5) Go Mode bar and select ZigBee type.

- If you have external ZigBee module, select “ZigBee(ext)”.
- If you have internal ZigBee module, select “ZigBee”.

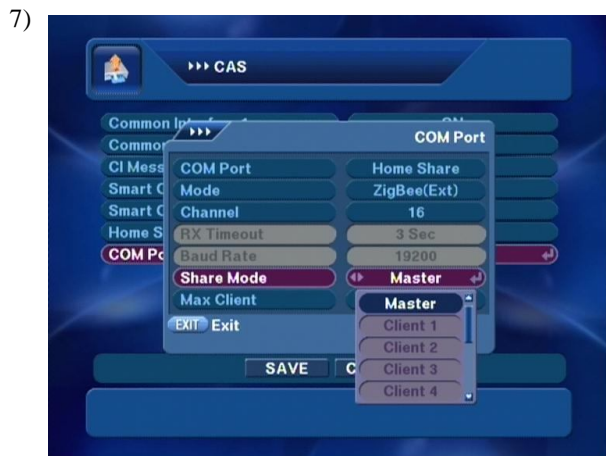
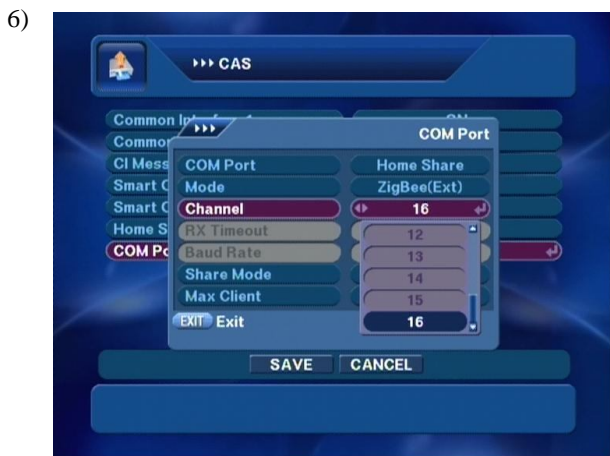


Master Setting (In Master Box)

Procedure above (number 1. to 5.) is same on Master and Client.

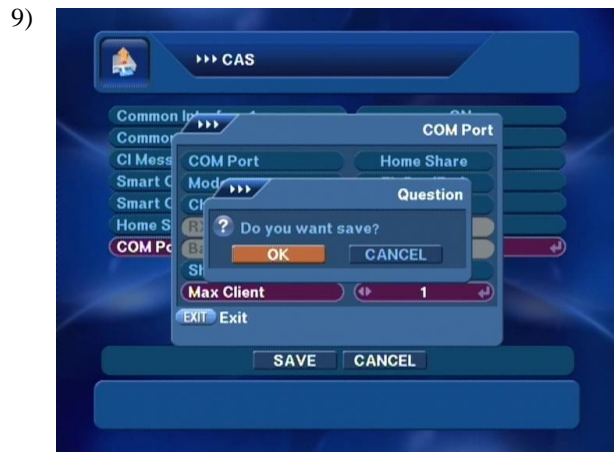
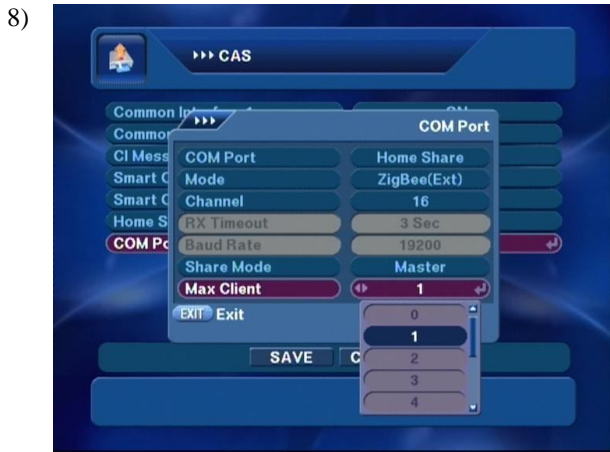
CAS – COM Port

- 6) Select Channel you want to make for both Master and Client(s).
- The Channel number should be same for both Master and Client(s).
 - In case using additional Master and Client(s) group, the channel number should be different from the previous group.
- 7) Share mode: press OK key and select Master.





- 8) In the Max Client bar, press OK. Then you can select the number of clients (1~10).
- 9) If you fixed the number of clients, press EXIT key and Save.

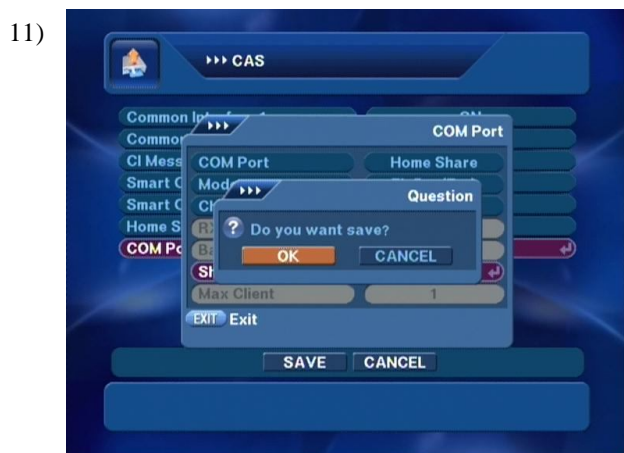
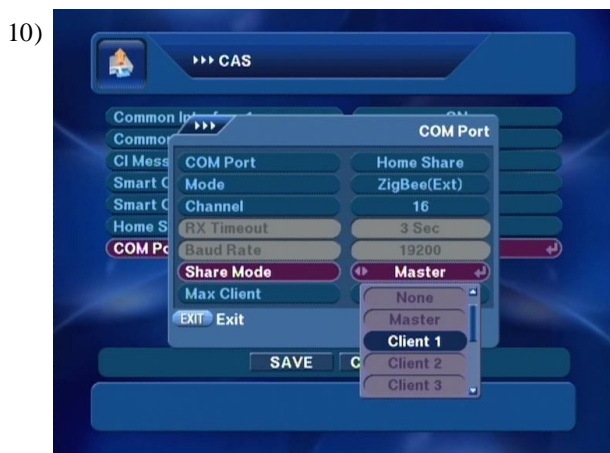


Client Setting (In Client Box)

Procedure above (number 1. to 5.) is same on Master and Client.

CAS - COM Port

- 10) In the Share mode press OK key. Then you can input client's number.
 - If Master box sets "5" for clients, slave box should be from client1 to client5.
 - Give the unique number to each Client STB
- 11) If you fix client's number, press EXIT key and Save. You can go to channel.



Note : If you can see **Blink** of Power Light on front display, that means Zigbee is working on Sab super plus HD, If you can see **Blink** (two points) of front display, that means Zigbee is working on Ultimate CISC, FTASC Plus, FTASC, FTA