

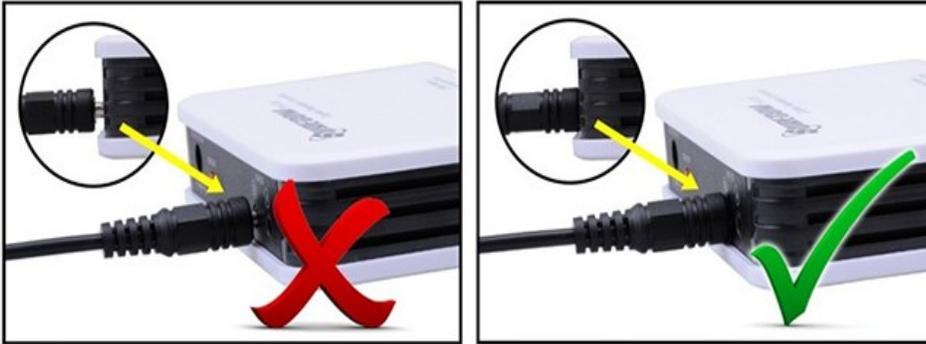
SURECOM SR-328

How to connector Radio :

A Input for Radio Received

B Input for Radio Transmit

1, The frequency difference between the upper and lower row forwards (and conventional repeater), A machine as a signal uplink receiver, B machine as a signal downlink transmitter. In order to achieve the purpose of the relay.

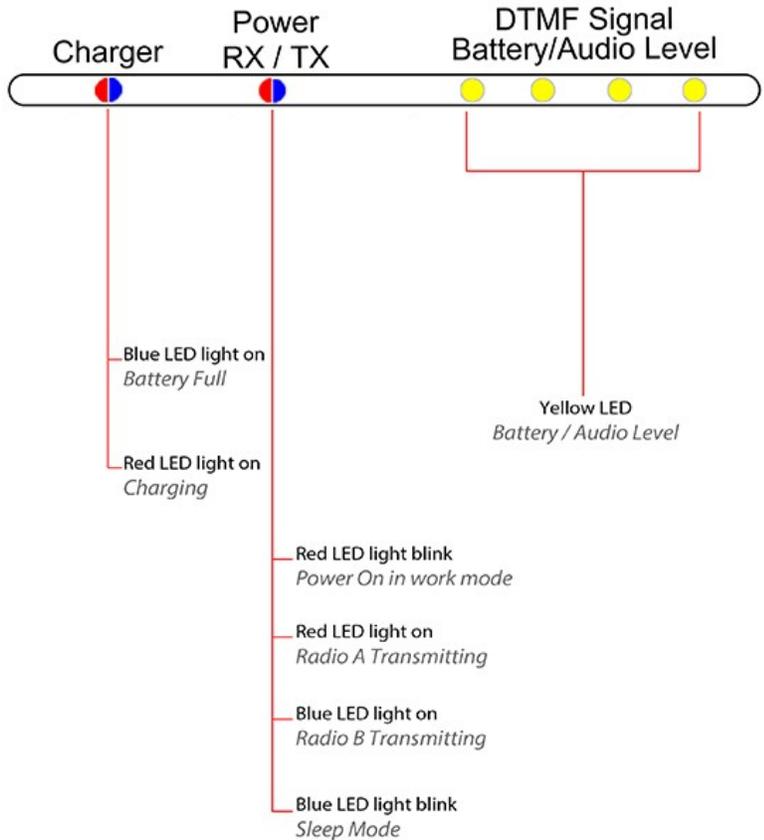
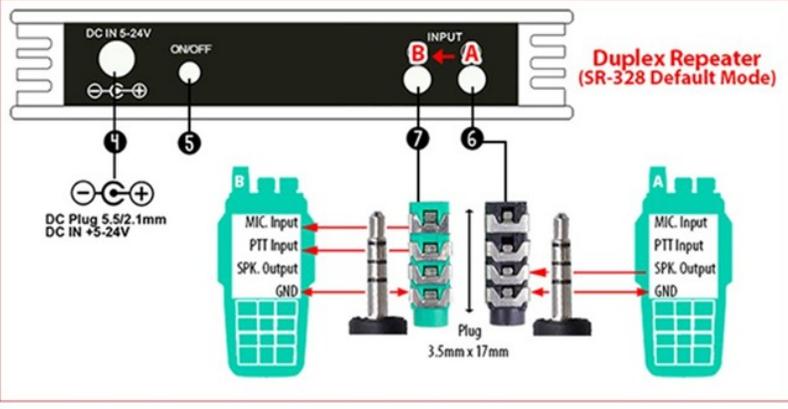
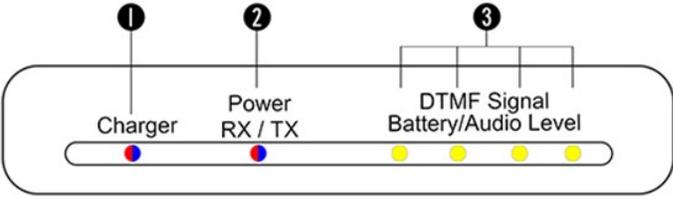


** Please make sure the plug is fully inserted into the socket.*





- ❶ Charger LED Display
- ❷ Power (RX / TX) STATUS
- ❸ DTMF Signal STATUS
Battery / Audio Level LED Display
- ❹ Charging and DC input
- ❺ ON/OFF Switch (Factory Reset)
- ❻/❼ Connect Radio
(SP/MIC/PTT out)



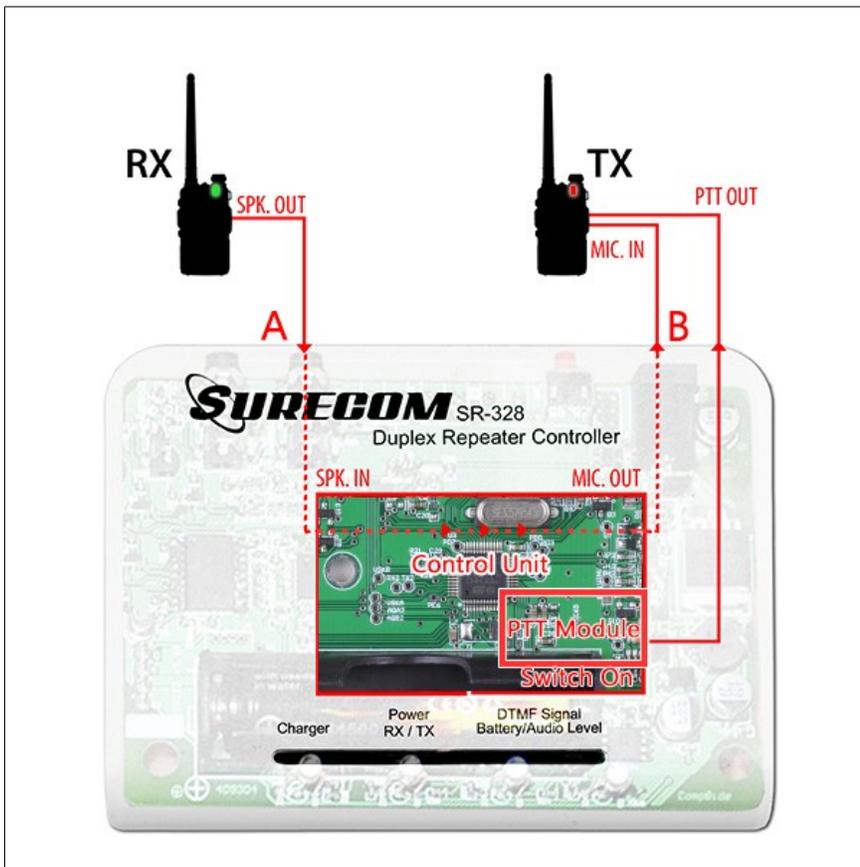
DTMF Signal Display



Table 3 (* Press # # 0 first , then press another key.)

Description	DTMF Signal			
1	○	●	○	○
2	●	○	○	○
3	●	●	○	○
4	○	○	○	●
5	○	●	○	●
6	●	○	○	●
7	●	●	○	●
8	○	○	●	○
9	○	●	●	○
0	●	○	●	○
*	●	●	●	○
#	○	○	●	●

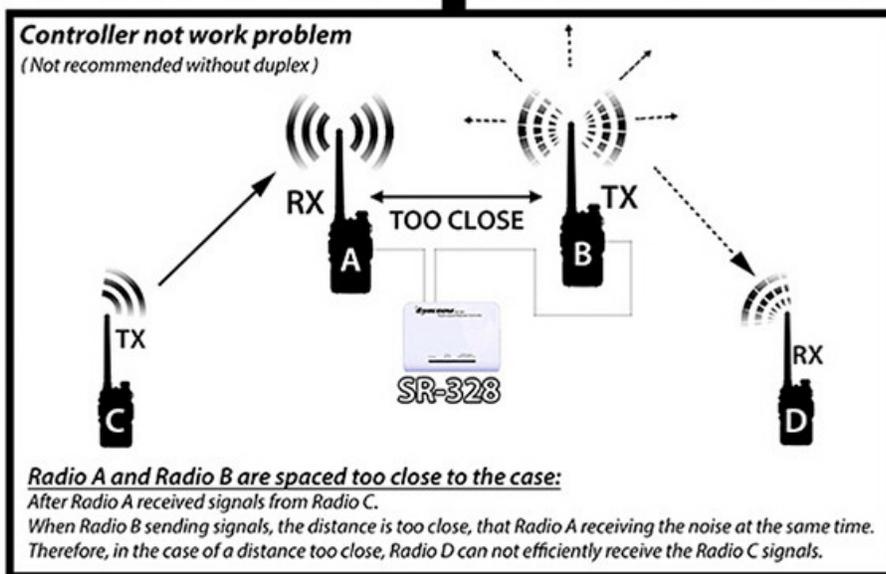
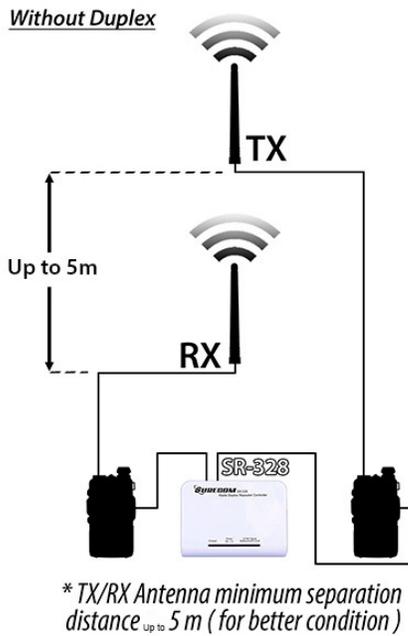
When the radio units are connected, the received signal on a radio unit will be real time transmit on the other radio unit . ,



Example 1 . Without duplexer and filter

Not have a duplexer : two hand-held units connected to a relay station, such as unparalleled workers, two hand sets should be separately using two antennas! Two antennas should be perpendicular to erect! And try to pull the distance between the two! At least not less than 1-5 metre (suggest : the farther the better two distance are Two antenna .)

Radio relay stations in different frequency duplex mode, that is, after receiving the weak signal of a specific frequency emitted far, immediately after synchronization will amplify and transmit the signal power to use another frequency. Who had set up a relay station people are aware, if not duplexers, height and level with two receiving antennas erected distance does not separate, not meet the technical requirements, the relay station is either not working due to self-excited work, or is "call far." This is because the weak signal relay station forwards the signal power at the time, it would be forwarded "drown" the adjacent repeater receiver front-end is a strong signal "closed."



Example 2 . With duplexer

purchase the corresponding frequency / power duplexer using "the joint " of the two hand sets connected to the antenna output terminal of the duplexer transmitter and receiver, respectively, set the frequency corresponding to the handheld units (frequency should be consistent with the duplexer). Under duplexer case, the relay station as long as the need to connect an antenna! And no special attention when erecting antennas !

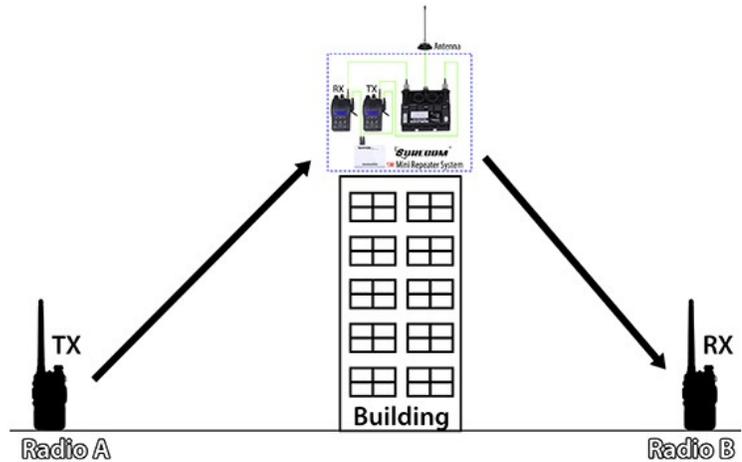
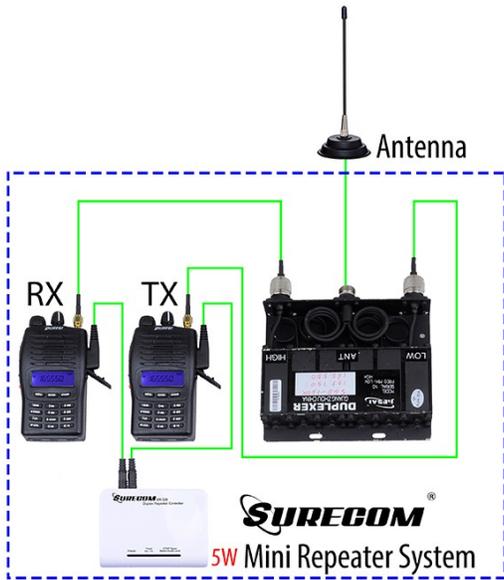
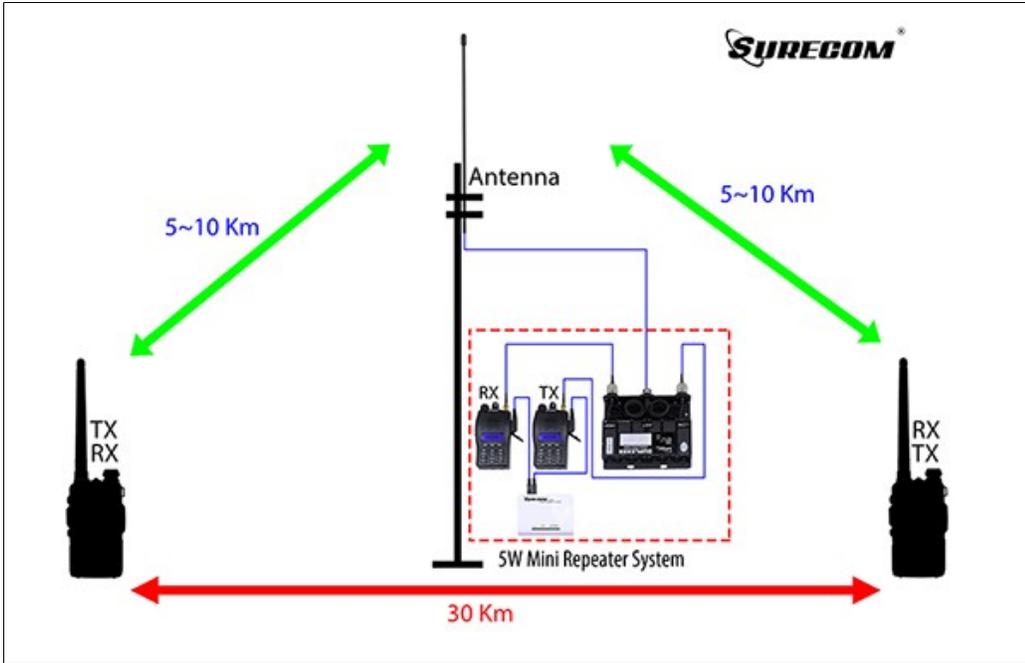


Illustration 1: This SR-328 connects Radio and Duplexer

Example 3 . With Filter

This SR-328 connects Radio and Filter

