

## 578 – Repeater (Cross Band)

Turn on the cross band repeater function.

*Menu – Radio set – No 56 Repeater*

The radio will work as a simplex repeater, the radio will TX on one channel, RX on the other channel.

### **Cross band Analog - Analog :**

Must be UHF-VHF, or VHF-UHF cross bands.

### **Cross band Analog - Digital :**

Must be UHF-VHF, or VHF-UHF cross bands.

### **Cross band Digital - Digital :**

UHF-VHF, or VHF-UHF cross bands, different time slot

### **\*Same band Digital - Digital :**

Same UHF or same VHF bands, different time slot

### **\*Same frequency Digital-Digital:**

TX and RX are at same frequencies, but different time slot.

### [Some Videos](#)

#### [KB2MXV Videos](#)

#### [2E0UKH Videos](#)

### **UK - Cross Band Repeater Mode.**

Cross-band will depend on your License.

#### **To make it Simple for UK users.**

Ham Radio you require a Full License.

Business/Personal you will need a Business Repeater License.

**\* The power will be 1/2 lower than the regular channel Power.**

**Here are AnyTone comments:**

“The AnyTone engineer said that is because in normal digital use, the radio only uses one slot, but in repeater use, the radio uses two slots. The power for repeater use is two times consumption compare to the normal digital channel use. If we keep the power same as the channel setting, the radio duty cycle will get very hot so the power should be limited to 1/2 of the channel setting.”

<http://tiny.cc/AnytoneDMR>