

XCOM VHF Remote Software User Guide

Welcome to the XCOM VHF remote control users guide.

The remote controller application does two things when attached through a serial cable to the XCOM VHF radio.

1. The XCOM VHF remote controller can be used to upload or download memory channel information into the XCOM VHF radio.
2. The XCOM VHF remote controller can be used to remotely control the XCOM VHF radio utilising a computer with serial interface.

The XCOM VHF remote controller program is a EXE file which will be installed on to the host computer, utilising a simple interface cable the computer is plugged in and connected to the back of the XCOM VHF radio. When the program is running and the XCOM VHF radio is connected to the computer you have full control over all the functions of the XCOM VHF radio.

When the XCOM VHF remote controller program is open either of the following two screens are displayed. Provided the XCOM VHF radio is connected directly to the serial cable and computer and the XCOM radio is turned on the active and standby frequency on the radio will be displayed on your computer screen. If you make any changes to the radio they will be reflected on the screen as the information is updated almost immediately. The only function which you do not have control over between the computer and the radio is the on and off button.



The XCOM Front panel screen, controlling all the operations of the XCOM VHF radio remotely.

Channel	Frequency	Description
1	23450	Chaf Channel
2	10700	Coolangata Tower
3	15000	Sculpton MBS2
4	21500	Coolangata Ground
5	23000	Dirrbarre North
6	23000	RAAF Search and Rescue
7	23500	Coolangata Approach
8	20000	Dirrbarre Centre
9	28150	Flightwatch
10	27400	Herzberg North
11	21500	Police Aiding
12	26800	Flight Services
13	EMPTY	
14	EMPTY	
15	EMPTY	
16	27450	Coolangata Fuel
17	24500	Brisbane West
18	EMPTY	
19	EMPTY	
20	EMPTY	

The Memory frequencies screen displaying the channel, frequencies and description of each used frequency.

The following options are available through the selection bar on the top of the program window.



- File | Open, opens a memory channel file you have previously saved on to your computer hard drive.
- File | Save, saves a memory channel file onto your computer.
- File | Clear Display, clears the list of memory channels.
- File | Print Setup, allows the user to choose which printer and orientation they wish to use.
- File | Print, prints the list of memory channels, their frequency and description.
- File | Exit, closes the XCOM VHF remote program.



- Radio | Read Memories, reads the memory channels from the XCOM VHF radio and displays them in the memory list of the XCOM VHF remote program.
- Radio | Write Memories, transfers frequency and description information from the XCOM VHF remote program up to the XCOM VHF radio.



- Settings | COM Port, displays a list of available communications ports for connection to the XCOM VHF radio. Depending on your computer's configuration there may be just one port or there may be several ports.



- Help | About, displays information about the XCOM VHF remote program and which version of software is being used.



Whilst most people will only use this program for uploading and downloading of memory channels you can also have complete remote control of the XCOM VHF radio for other applications.

To upload memory channels into the XCOM VHF radio it is simply a matter of entering your frequency alongside the corresponding channel number and into the channel description to remind you of what each frequency is for.

In our example we have entered the frequency 123.450 into channel 1 and the description we have entered is 'chat channel', in channel position number 2 we have frequency 118.700 and its description is 'Coolangatta Tower', Channel 3 is 119.000 which is the 'Southport MBZ'.

Please note that the decimal point is removed when you add the frequency into the XCOM VHF remote program. The channel description is only used in the computer program, it cannot be transferred into the XCOM VHF radio. Most users do a memory channel list as shown in the example below and then using the File | Print command they can print out a list of channels, frequencies and description for use in the cockpit of the aircraft. To save these channels for future use simply select File | Save and save the list to your computer's hard drive.

Channel	Frequency	Description
1	123450	Chat Channel
2	118700	Coolangatta Tower
3	119000	Southport MBZ
4	121800	Coolangatta Ground
5	123000	Brisbane North
6	123300	RAAF Search and Rescue

End of manual
