

Kenwood TM-V7

Some remote control possibilities



- use 2m for remote control of the 2m operation
- use 2m for remote control of the 70cm operation
- use 70cm for remote control of the 2m operation
- use 70cm for remote control of the 70cm operation

- The *answer back* (if enabled) will tell if you really are talking to the TM-V7.
- If the TM-V7 is monitoring a repeater frequency, it is possible to "talk" to it through a repeater by DTMF remote commands.
- To set the working frequency. Channel mode and VFO mode is possible .
- lots of commands can be done remotely

- Enable / disable x-band "Mini repeater"
- Set the TM-V7 operating frequency for packet operation.
- ...and more . Some great ideas? Mail me abt it :)
- Probably these commands are similar for other Kenwood TRX.

- The next page is a step-by-step sample on how to remote control the x-band repeater function

	Description	what to press	display
0	Make sure Memory AutoStore is ON	[MNU] 4 4 ON	Memory
1	Select VHF	VHF band select	PTT VHF
2	Program a tone DTSS. (Sample is 123) Enter DTSS code	[F] [DTSS] [F 1sec] [C.CEL] 123	
3	Select UHF, do step 2	UHF band select	PTT UHF
(4)	option: Select subcarrier	[TONE] ([TONE])	T or CT
5	Turn off DTSS for both VHF and UHF (if on)	[F][DTSS] [F][DTSS]	
6	Select UHF	UHF band select	PTT UHF
6	Pre-enable x-band repeater	[CTRL] (the very small button)	Ctrl
7	Turn off the TM-V7		
8	turn on the TM-V7	Press/hold [CTRL] while turning on. (the very small button)	"EXT REMOTE" "DT" flashing TM-V7 is now in remote option
—	<u>From a remote UHF transceiver:</u>		
<u>9</u>	Enter "access code"	[A] [1] [2] [3] [#]	"DT" stops flashing. TM-V7 is now in remote control
<u>(10)</u>	Select repeater frequency	[A] 3395	433.950 MHz
<u>11</u>	Select repeater mode	[C]	"PTT" flashing TM-V7 is now in repeater mode
<u>12</u>	Enable the repeater by exiting remote control	[A] [#]	"PTT" and "DT" is flashing
<u>13</u>	Turn off repeater by entering remote control. "access code":	[A] [1] [2] [3] [#]	"DT" stopped flashing
<u>14</u>	Turn off repeater mode	[D]	"PTT" stopped flashing
<u>15</u>	Turn off remote control	[A] [#]	"DT" is flashing

To return to normal after step 15, turn TM-V7 off, then hold CTRL while turn on.

Remote Control commands for TM-V7

[1] REV on	[2] TONE on	[3] CTCSS	[A] ENT
[4] REV off	[5] TONE off	[6] CTSS off	[B] TONE CEL
[7] CALL	[8] VFO	[9] MR	[C] REPEAT on
[*] DWN	[0] L/M/H	[#] UP	[D] REPEAT off

Sample Speed dial: ("123" is access code)

Turn on remote control and **Enable repeater**

A123#CA#

Turn on remote control, set VFO FREQ 144.500 and Enable repeater

A123#8A4450CA#

Turn on remote control, set VFO FRQ 145.7875

A123#8A4578CA#

Disable repeater, set to MR and turn off remote control

A123#D9A#

Disable repeater and turn off remote control

A123#DA#