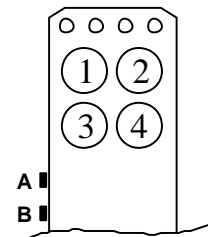




32-CHANNEL DYNAMIC CODE HAND HELD TRANSMITTER CH32HT (GB)

The CH32HT dynamic code hand held transmitter features 32 control channels for use in wireless security and remote control applications. The transmitter operates with all Elmes Electronic made receivers operating in 433,92MHz frequency band and may control up to 32 individual one channel receivers (as shown in the table). Range of applications include alarms arming and

disarming, access control, window rollers control, automatic garage and gate control, lights, remote control of cameras and processes, etc. In operation with Elmes made ST100H and ST100GR window roller controllers the CH32HT transmitter allows individual control of up to 32 rollers in single button control mode or, up to 16 rollers in two buttons control mode.



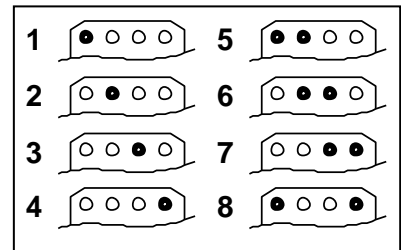
The transmitter's two (A & B) side switches are provided for channels group (banks) selection while top four coloured switches (1..4) are for individual control of selected channels. Switch A (as seen on the left side figure) is used for selection of banks 1..4 while switch B is used for selection of banks 5..8. The number of selected channels' bank (1..8) is indicated by illuminating red LEDs in the manner as shown in the table figure below. Each of the eight banks of the CH32HT transmitter allows remote control of four channels in receiver thus offering control of 32 individual channels in total.

To control a required channel with the use of the CH32HT transmitter registered in the receiver's memory first select required channel bank with side switches A or B while observing LED's bank indication and then press respective channel colour switch (1..4) to

Receiver Type	Max Number of Receivers
One output	32
Two outputs	16 – requires modified receivers
Four outputs	8
Eight outputs	4
Twenty outputs	2 – (32 channels max.)
ST100H, ST100GR	32 or 16 – depending on selected operation mode

activate control transmission. The bank indication LEDs set off illumination after 4 seconds however, on every use of any of the top colour buttons the bank number illumination is recalled. While in operation with Elmes CH20H twenty channel receiver it should be noted that the receiver would register the CH32HT transmitter as four eight channel CH8HT transmitters with banks 1 and 2 covering first eight channels, banks 2 and 4 covering second eight channels, etc. To control all twenty channels in CH20H the programming procedures (registering the CH32HT transmitter in receiver's memory) need to be performed in three stages, as follows:

1. Register button 4 of bank 2 of the CH32HT transmitter to channel 8 of the CH20H receiver.
2. Register button 4 of bank 4 of the CH32HT transmitter to channel 16 of the CH20H receiver.
3. Register button 4 of bank 5 of the CH32HT transmitter to channel 20 of the CH20H receiver.



Elmes Electronic declares that the product has been manufactured and tested to comply to the following standards: EN 60950-1 :2001 electric safety, EN 301 489-1 V1.4.1 (2002-08) EMC for radio equipment, EN 301 489-3 V1.2.1 (2002-08) EMC for Short Range Devices, EN 300 220-3 V1.1.1 (2000-09) EMC and Radio Spectrum Matters.

Manufacturer's Limited Warranty. This product carries two years warranty as from the date of purchase. The warranty is limited to the replacement of faulty original parts or repair defects of improper manufacture. Damage, misuse or improper handling by the user or installer as well as any alterations in product's hardware or software caused by unauthorized person void warranty obligations and all due repair costs will be charged. Elmes Electronic shall not be liable for any personal or material damage or loss resulting from any of its products direct, indirect or partial use or failure to operate properly.

Elmes Electronic, tel. (+4871) 7845961, fax (+4871) 7845963, e-mail: elmes@elmes.pl www.elmes.pl

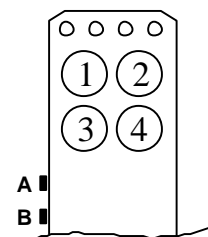
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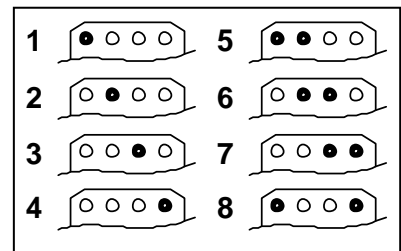
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4. Register button 4 of bank 2 of the CH32HT transmitter to channel 8 of the CH20H receiver.
5. Register button 4 of bank 4 of the CH32HT transmitter to channel 16 of the CH20H receiver.
6. Register button 4 of bank 5 of the CH32HT transmitter to channel 20 of the CH20H receiver.



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