

ELMES Universal wireless control sets

These dynamic hopping code sets are designed for use in general short distance wireless applications such as remote control systems, alarm and security systems, access control, etc. Classic application examples include wireless panic button alarm, remote alarm zones' control, wireless opening and closing of gates, doors, garages, lights and wireless actuation of electric motors for window rollers, rolling shades and others.



UMB50H - one channel wireless control set.

- the set consists of radio receiver and two key fob hand transmitters,
- operating frequency band is 303MHz,
- up to 50 metres operating range,
- one NO/NC relay output operating in pulse or on/off modes, up to 12 transmitters in standard version (112 transmitters in option).



UMB100H - one channel wireless control set.

- the set consists of radio receiver and two key fob hand transmitters,
- operating frequency band is 433,92MHz,
- up to 100 metres operating range,
- one NO/NC relay output operating in pulse or on/off modes,,
- up to 12 transmitters in standard version (112 transmitters in option).



AN200H – wireless panic button/control set.

- the set consists of radio receiver and one 9V battery hand transmitter,
- operating frequency band is 433,92MHz,
- up to 200 metres operating range,
- one NO/NC relay output operating in pulse or on/off modes,
- up to 12 transmitters in standard version (112 transmitters in option).



DWB50H - two channels wireless control set.

- the set consists of radio receiver and two key fob hand transmitters,
- operating frequency band is 303MHz,
- up to 50 metres operating range,
- two NO/NC relay outputs operating in pulse or on/off modes,
- up to 12 transmitters in standard version (112 transmitters in option).



DWM50HM - wireless control sets with miniature two channels receiver.

- the set consists of radio receiver and two key fob hand transmitters,
- operating frequency band is 433,92MHz,
- up to 50 metres operating range,
- two NO/NC relay outputs operating in pulse or on/off modes,
- up to 12 transmitters in standard version (112 transmitters in option).



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DW200H - two channels wireless control set.

- the set consists of radio receiver and one 9V battery hand transmitter,
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- up to 200 metres operating range,
- two NO/NC relay outputs operating in pulse or on/off modes,
- up to 12 transmitters in standard version (112 transmitters in option).



CH4H - four channels wireless control set.

- the set consists of radio receiver and two key fob hand transmitters,
- operating frequency band is 433,92MHz,
- up to 100 metres operating range,
- four NO/NC relay outputs operating in pulse or on/off modes,
- transmitters low battery monitoring,
- up to 40 transmitters in standard version (112 transmitters in option).



CH4H200 - long range four channels wireless control set.

- the set consists of radio receiver and one 9V battery hand transmitter,
- operating frequency band is 433,92MHz,
- up to 200 metres operating range,
- four NO/NC relay outputs operating in pulse or on/off modes,
- transmitters low battery monitoring,
- up to 40 transmitters in standard version (112 transmitters in option).



RP501 – four channels radio transmission set.

- the set consists of radio receiver and one 9V battery hand transmitter,
 - receiver supply: 12 VDC, transmitter: internal 9V battery,
 - operating frequency band is 433,92MHz,
 - up to 500 metres operating range,
 - four modes of operation,
 - radio link testing, transmitter's low battery monitoring,
 - four channels, four relay output (NO or NC) receiver.
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Receivers (4-20 channels)

Multi channels hopping code receivers for universal application in alarms, security, access control and remote control systems. The receivers operate with Elmes 433,92 MHz band transmitters and detectors.



CH4H – four channels hopping code wireless control receiver.

- operating frequency band is 433,92MHz,
 - operating with any ELMES 433,92MHz transmitters,
 - four NO/NC relay outputs operating in pulse or on/off modes,
 - transmitters low battery monitoring,
 - user' configurable for operation as wireless alarm control panel featuring 8 wireless alarm zones, arming/disarming by hand transmitter, alarm memory, n volatile memory of system status, panic alarm function, wired alarm siren output, accoust beep
 - signal on arming/disarming. Details on request
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CH8H - universal 8 channels receiver.

- operating frequency band is 433,92MHz,
 - operating with any ELMES 433,92MHz transmitters,
 - eight four NO/NC relay outputs operating in pulse or on/off modes,
 - front panel indication by LED-s,
 - transmitter's low battery monitoring.
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CH20H – universal 20 channels receiver.

- operating frequency band is 433,92MHz,
 - operating with any ELMES 433,92MHz transmitters,
 - 20 relay output channels user set to NO/NC operation,
 - relay outputs operating in pulse mode (ch. 1 in pulse and on/off mode),
 - front panel indication by LED-s,
 - transmitter's low battery monitoring.
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RD101H (RD102H) – one (two) ch. receiver with 224 transmitter memory.

- operating frequency band is 433,92MHz,
 - up to 224 transmitters,
 - numeric display and identification,
 - easy adding and deleting of single transmitter to/from memory,
 - one (two) NO/NC relay output operating in pulse or on/off modes.
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Wireless Detectors

Wireless detectors are widely used in alarm systems for protection of home and office space. Multiple transmission technique of alarming, tamper alarm and low battery warning are standard features of Elmes wireless detectors. Recommended for operation with the detectors are multi channel receivers CH4H, CH8H and CH20H. All Elmes wireless detectors incorporate state of the art battery saving technology allowing autonomy operation of up to three years on single battery.



CTX3H – miniature wireless magnet detector for monitoring of opening of doors, windows, etc.

- operating frequency band is 433,92MHz,
 - up to 50 metres operating range,
 - powered by 12V GP23A battery with one-year average operation life,
 - size H/L/W (mm): 19/58/32,
 - available in white and brown housing.
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CTX4H - wireless open/close magnet detector for monitoring of opening and closing of doors, windows, etc.

- operating frequency band is 433,92MHz,
 - up to 100 metres operating range,
 - open/close detection - signalled by corresponding receiver relay output,
 - powered by 9V alkaline battery (3 years operating life),
 - available in white and brown housing.
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PTX50 – wireless passive infrared motion detector.

- operating frequency band is 433,92MHz,
 - up to 100 metres transmission range,
 - high quality Fresnel lens with 90° (15m) detection range,
 - dual infrared sensing element with programmable pulse count (1-2-3-5),
 - powered by 9V alkaline battery (3 years operating life),
 - ultra low power consumption microprocessor controlled.
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Wireless sets for rollers & rolling shades

These application dedicated sets incorporate, in addition to standard hopping code encryption/decryption technology, special programming features and separate power relay outputs for each direction of roller rotation allowing user's full control of the roller/s just by the use of small, hand held transmitters.



ST50H (ST100H) – roller shades wireless control set.

- the set consists of radio receiver and two key fob hand transmitters,
 - operating frequency band is 303MHz,
 - up to 50 (100) metres operating range,
 - two power relay outputs for 230VAC roller motor rotation control,
 - up to 12 transmitters in standard version (112 transmitters in option).
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ST200H – long range roller shades wireless control set.

- the set consists of radio receiver and two key fob hand transmitters,
 - operating frequency band is 433,92MHz,
 - up to 200 metres operating range,
 - two power relay outputs for 230VAC roller motor rotation control,
 - up to 12 transmitters in standard version (112 transmitters in option).
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ST6H – wireless control set for up to 6 window roller shades.

- the set consists of radio receiver and one 9V battery hand transmitter,
 - operating frequency band is 433,92MHz,
 - up to 200 metres operating range,
 - six power relay outputs for 230VAC roller motor rotation control,
 - single and group control of all six rollers,
 - up to 12 transmitters.
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Miscellaneous



RFM1 - a handy gauge designed for visualising level of transmitted radio signals as received by Elmes wireless control receivers.

- five LED indicators enable the installer to easy evaluate operation range,
 - may be used with any Elmes receiver,
 - simple fitting.
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MPS1 - eight channel separation control board is designed for separated control of remote alarm and security equipment, especially for remote control of surveillance cameras.

- eight galvanic separated control channels with LED "set on" indication,
 - any relay output NO/NC type,
 - TAMPER alarm switch (while boxed inside Elmes receiver box).
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for more information and prices please contact us www.master-sec.gr
