



**R**RANGEMASTER  
**S**SYSTEMS

## Rangemaster X2 sequencer Data sheet



Order code: X2  
Revision Date: 13.03.2018

**DESCRIPTION OF THE UNIT:**

**Rangemaster X2 sequencer** is a control unit used for clay target shooting for releasing clay targets from traps with voice release via microphones or manually via remote control in accordance to ISSF or FITASC rules.

**FEATURES:**

- Instant release voice recognition/Phono pull unit
- Adjustable microphone sensitivity
- Timer for skeet
- Random sequences for Trap FO/FU
- Chip card reader & payment option built in
- Activity lights on microphones supported
- 4X40 LCD display
- 15-18V DC external power supply with 100-240V AC input or car battery
- Built in RS232 data interface
- 8+5 micros directly connectable
- Resettable counter of targets built-in
- Auto-continue of rounds aborted due to power loss
- No-Bird detector built in
- ISSF & FITASC compliance

**DISCIPLINES:**

- Olympic Trap round, finals, shoot offs, training mode
- Trap FU, Trap FA
- Trap JFO-DE, Trap JFA-DE,
- DTL
- ATA
- DT 2017 round, shoot off
- Skeet round, shoot offs, finals, training mode
- Skeet J-AT, SKEET J-DE
- Sporting manual
- Compak sporting 40 FITASC schemes + optional inline mode

**TECHNICAL DATA:**

Power Input:	With external power supply: 100-240VAC or any other 15V/2A DC power source like car battery etc.
Power consumption:	< 10W
Operation temperature:	- 20°C up to +50°C
Dimensions:	Height: 20cm, width: 29cm, depth:7.5cm
Weight:	1,50 kg
Output:	+12V with ground switched
Fuse	3 fuses built in
Display:	LCD, 4x40 digits/letters
Counter:	1 Total counter, non resettable, 32bit 1 Counter, resettable, 32bit
Driving external trap-logic:	Via optional release boxes

**OPTIONAL ACCESSORIES:****Relay boxes:**

Relay box Skeet only (2 Traps, 2 Lights) – dry contact	<a href="#">X2-4R</a>
Relay box Trap FA/FU only (5 Traps) – dry contact	<a href="#">X2-5R</a>
Relay box Compak Sporting (6x for Compak +2 Traps Sporting) – dry contact	<a href="#">X2-8R</a>
Relay box Compak Sporting/Skeet (6+2 Skeet Traps, 2 Lights) – dry contact	<a href="#">X2-10R</a>
Relay box 15 Relays for Trap – dry contact	<a href="#">X2-15R</a>
Relay box Trap/Skeet (15 +2 Traps, 2 lights) – 15xTrap,2xSkeet – dry contact	<a href="#">X2-19R</a>
Relay box Trap/Skeet/Compak (15 + 6 + 2 Traps, 2 lights) – 15xTrap, 2xSkeet, 6x Compak – dry contact	<a href="#">X2-25R</a>

**Remote controls:**

8 Channel digital remote control (transmitter) "ECO-SERIES"	<a href="#">TXECO</a>
8 Channel digital remote control (transmitter) "IQ-SERIES"	<a href="#">TXIQ8</a>
8 Channel digital remote control (transmitter) "ULTIMATE-SERIES"	<a href="#">TXULT8</a>

**Internal options:**

Wireless 8 Channel receiver module, 433MHZ	X2-R433
Wireless 8 Channel receiver module, 868MHZ	X2-R868

**External options:**

VGA Monitor module	X2-VGA
8 Channel wireless transmitter module for 8 Traps	X2-XTX
Data Interface box with long range wi-fi module	X2-DIB
Simpleconnect breakout PCB with connector and terminal blocks for attaching your own external relays – unboxed	X2-SCT
Simpleconnect breakout PCB with connector and terminal blocks for connecting microphones and lamps – unboxed	X2-SCM

**Microphones & microphone accessories:**

26 Ohm highly sensitive microphone with light	<a href="#">MIC02</a>
Heavy duty tripod	<a href="#">MIC03</a>
Microphone plug&socket set	<a href="#">MIC04</a>
Microphone socket mounting kit (incl. 4 x hexnuts, 4 x screws, 4 washer)	<a href="#">MIC05</a>

**Payment options:**

Secure chip cards witch 4C printing	<a href="#">CCSEC</a>
Chip card loader, handheld	<a href="#">CCC</a>
Chip card loading software and chip card reader	<a href="#">CCS</a>
Smart coiner	X2SCO

**Other options:**

Buzzer