

Warrior ETHOS model HHMS Remote Transmitter

Features

- ✓ 3 motion 2 speed with A/B select standard
- ✓ Eight high tactile feel 2 step fully redundant pushbuttons
- ✓ Dual contact STOP switch
- ✓ Rugged High-Impact Polymer Enclosure
- ✓ Rechargeable Lithium-Polymer (LiPO) Battery; 80-Hour Run Time
- ✓ Four LED Indicators, TX/RX, Battery, A and B select
- ✓ 900MHz Direct Sequence Spread Spectrum (DSSS) Technology

Warrior ETHOS model HHMS transmitters use 100 mW DSSS wireless technology in the 900 MHz band to produce a robust, seamless link with Warrior receivers in congested radio environments. Transmitters feature an industry first, proprietary fully redundant two step push button to provide unmatched security. The switches and switch boots are rated at over 2M operations.

These unique switches, designed and manufactured by Cervis, employ two sets of dual redundant 'contacts' for step one and step two. That is two contacts for step one and two independent contacts for switch two improving switch reliability and safety beyond the competition. Designed to work with Warrior MU-9X15 model receiver.



Specifications

Power

V_{in}	+6 to +8.4 V
Battery	Lithium Polymer Battery Pack 80-hour continuous operation until low battery indication 5-hour run-time after low battery indication 5-hour charge to full from zero charge

Environment

Operating Temp	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Temp	-30 °C to 70 °C (-22 °F to 158 °F)
Humidity	0 to 95% Non-Condensing

Indicator LEDs (Red)

- Transmit/Receive
- Battery Status
- A Selection
- B Selection

Radio

Frequency	904–926 MHz
RF Power	100 mW @ 900 MHz
License	License-Free
Modulation	DSSS
Antenna	Internal

Pushbuttons

Configuration	Eight 2-STEP
Force to Operate	2.3 lbf (10.23 N)
Actuations	>Two Million (per button)

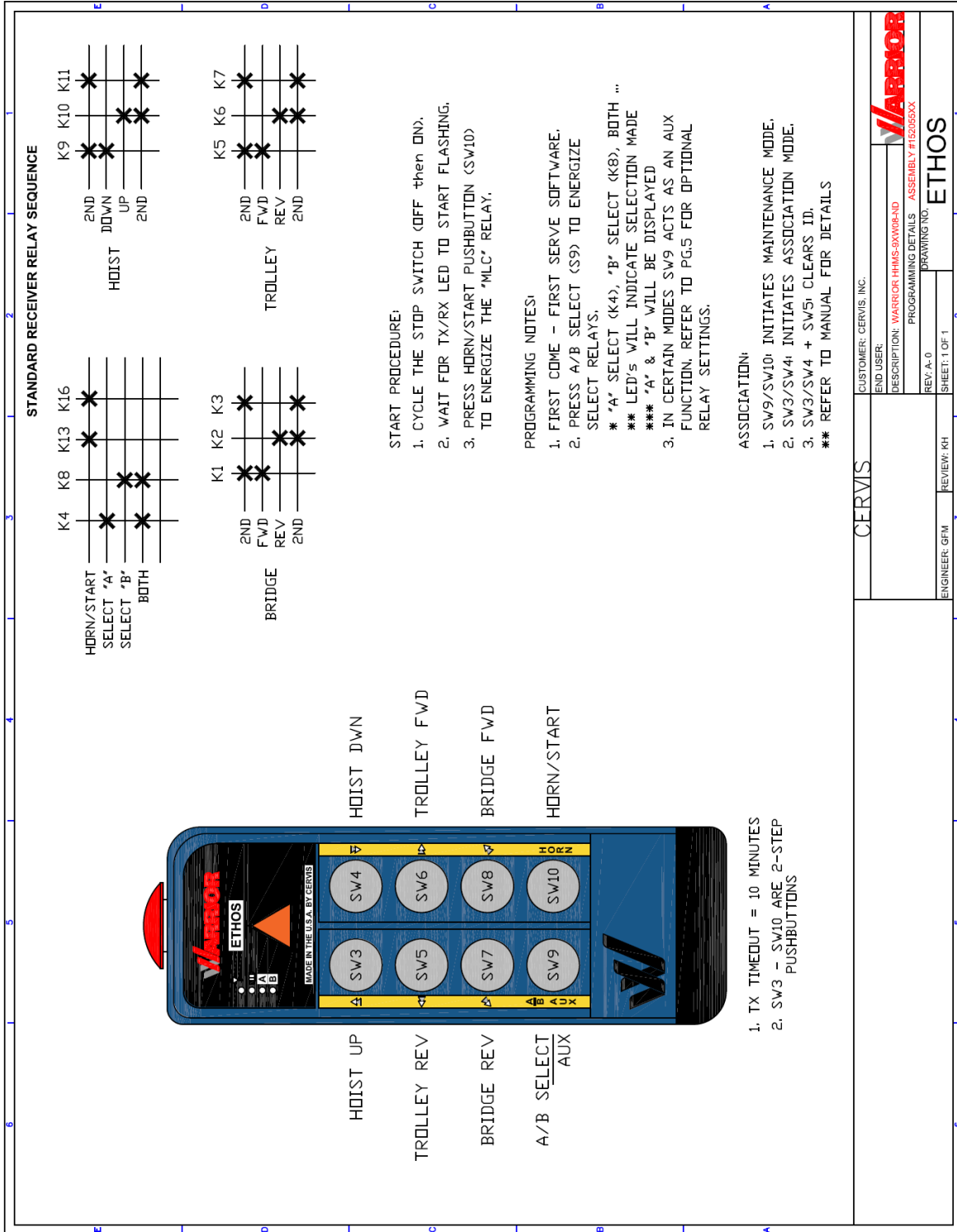
Enclosure

Dimensions	3.0" x 8.7" x 1.68" 76.2 mm x 220.98 mm x 42.67 mm
Total Weight	1.43 lb (650 g)
Durability	High Impact Polymer Case

Identification

Part Number	HHMS-9XW08-2S-ND
Battery	15201306 LiPo Rechargeable
Charger	15201500 (110 V supply)





CERVIS		CUSTOMER: CERVIS, INC.
END USER:		
DESCRIPTION: WARRIOR HHMS-SXW0R-ND		ASSEMBLY # 152055XX
PROGRAMMING DETAILS		DRAWING NO.
REV: A-0	ENGINEER: GFM	REVIEW: KH
SHEET: 1 OF 1		ETHOS