



THOR GUARD VOT

LIGHTNING ALARM SYSTEM

The THOR GUARD VOT lightning alarm system is utilized to provide a unique audible warning pattern when the area THOR GUARD is monitoring has become susceptible to a lightning strike. Simultaneously during the hazard time, LED strobe lights can be utilized to provide a continued visible notification of the impending hazard. THOR GUARD allows for a base horn with the remotes, either electric or solar powered, being controlled using THOR GUARD's dedicated RF system. When combined with the Guardian Emergency Notification System, a special 1-minute pattern is generated to provide for any unexpected emergency.

VOTBD & VOTRCS / VOTRCE



System Safety Rating:	TÜV (U8 09 04 69398 001)
Enclosure Technical	
Material:	Sealed Gray Fiberglass Enclosure
Manufacture:	Stahlin Enclosures
Dimensions:	14" W x 12" L x 7 1/2" H
Safety Requirement:	UL, CSA, Nema Type 4X
Mounting:	3/8 Ubolt or 1/4 - 5/16 lag bolt
RF Specifications	
Manufacture:	THOR GUARD
Frequency:	27.255MHZ FSK
FCC Certifications:	Part 15 and Part 95
Antenna:	Fiberglass - 3FT Tuned
RF Power:	4.0 Watts or 12.0 Watts
Battery:	Energys Odyssey PC545 (12V) Seal Lead Battery (12.6 Lbs.)
AC Voltage:	(VOTRCE Only) 120VAC .5A
VOT Relay Bracket	
Manufacture:	THOR GUARD
Protection:	20A Horn Circuit Breakers

WIRE SPECIFICATIONS

Comm - Link Cable:	West Penn ACQ 3186 UL Listed Type CL3 (18AWG) 6 - Conductor
RF Antenna Cable:	Judd Wire C1401140, RG-58, UL, CL2, Polyvinyl Chloride Jacket
Horn Cable:	General Cable 234600, UL Listed Type TC-ER (12AWG) 4 - Conductor
Strobe Cable:	West Penn AQ224 ,(UL) or (ETL)us Listed – Direct Burial (18AWG), 2 - Conductor

SELECTED SPECIFICATIONS

VOTBD & VOTRC Horn Specifications

Manufacture: THOR GUARD
Material: Fiberglass Dome & Horn Mounting Plate
Mounting: 1" PVC Threaded Bushing (Included)
Weight: 13 Lbs. (Excludes Cable)
Horn Manufacture: Stebel, Italy
Horn Material: PVC
Compressor Rating: 12V DC
Sound: 3 - Frequencies
Output: 113db @ 10ft
700 Yard Radius, Typical Coverage



VOT Horn



VOT Solar Remote

VOTRC Solar Panel Specifications

Manufacture: Sunwize; FM Approved, Class 1
BP Solar; ETL, CE Approved, Class 1
Rating: 30 Watts
Mounting: Aluminum Mounting Bracket Supplied

STROBE LIGHT Specifications

Manufacture: Whelen 51 Series (UL Listed)
Dimensions: 3.90" x 5.2" Dia.
Mounting: Square Metal Plate (Attaches to RF Antenna Bracket)
Power: 12VDC (Supplied by System Battery)
Light Output: LED High Intensity Multi-Flash, Amber



LED Strobe Light