

# Wayside Horn System

## BENEFITS

- Provides one-for-one replacement for train horn at any highway-rail grade crossing, independent of quiet zone classification (49 CFR Part 222: Use of Locomotive Horns at Highway-Rail Grade Crossings) eliminating the need for supplemental safety measures
- Provides simulated train horn sound focused in the direction of oncoming vehicle traffic at the crossing, eliminating the need for a train to sound its horn
- Enhances safety by providing supplemental audible warning for crossings with unique situations, such as higher train speeds
- Self-contained system in modular package, reducing bulky space requirements



CTC's **Wayside Horn System** resides at a highway-rail grade crossing and produces a digitized train horn sound in the standard crossing warning pattern as a train approaches.

Since sound is directed toward the roadway, noise is significantly reduced along the train's approach path.

## FEATURES

- Easy-to-use menu driven controller simplifies set up and operational testing
- Configurable horn extends final blow to accommodate site specific conditions
- Feedback microphone verifies output decibel level
- Complies with all requirements of 49 CFR Part 222, Appendix E
- Confirmation beacon provides visual operational status of system to train crew

Call **817.886.8210** to incorporate the CTC **Wayside Horn System** in to your grade crossing applications today.



# Wayside Horn System

## TECHNICAL SPECIFICATIONS

### WAYSIDE HORN CABINET

#### Inputs

- Accommodates 8 track crossings utilizing approach and island circuits
- Supports switching moves
- Remote activation
- 2 battery status indicators
- 6 audio feedback circuits

#### Outputs

- Up to 6 wayside horns
- Up to 6 quiet zone beacon indicator circuits

#### Control Module

- One control module accommodates up to 2 horns

#### Physical

- Length - 39 in (990.6 mm)
- Width - 24 in (609.6 mm)
- Height - 20 in (508.0 mm)

#### Menu Programming Options

- Track switches in approach
- Number of tracks
- Number of islands

### WAYSIDE HORN SIRENS

#### Inputs

- Houses feedback microphone

#### Outputs

- 11 ohm resistive load siren

#### Physical

- Length - 26 in (660.4 mm)
- Width - 16 in (406.4 mm)
- Height - 16 in (406.4 mm)

#### Options

- Heating strips for cold weather environments

### CONFIRMATION BEACON

#### Power

- 120 V ac

#### Physical

- Height - 22 in (558.8 mm)
- Width - 22 in (558.8 mm)
- Depth - 2.5 in (63.5 mm)

#### Illumination

- Impact resistant polycarbonate lens
- Super bright, wide viewing angle orange LEDs
- Long life, up to 10,000+ hours

