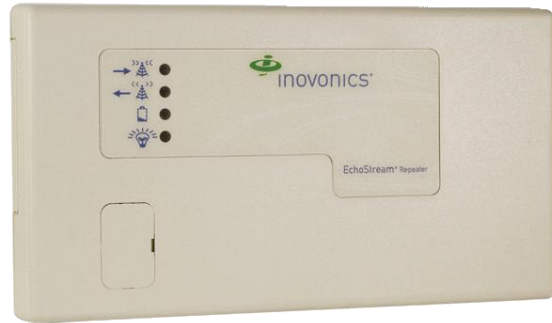


## **HERITAGE MEDCALL TECHNICAL SPECIFICATIONS**

## **Model HM-5040T High Power Repeater**

- Up to four miles of open field range.
- Fully supervised
- Test mode for transmission of current status
- Case tamper switch
- On-board lithium-ion backup battery



### **DESCRIPTION:**

The HM-5040T is a sophisticated repeater that receives, decodes, and re-transmits signals from transmitters. It acts as a "range extender" for any decodable wireless transmission. Use of multiple repeaters provides coverage of large facilities spanning across multiple acres.

### **INDICATORS:**

AC power: Indicates AC power is on.  
Low Bat: Indicates low battery backup.  
Decoding: Indicates that the repeater is receiving RF energy.  
Transmit: Indicates that the repeater is transmitting.

### **MOUNTING:**

Use pre-drilled holes for mounting. Knockouts available for cable run through the backside.

### **DIMENSIONS:**

Housing: 6.38" x 3.60" x 1.10"

### **POWER:**

Requirement: 12-24 VAC or DC (14VAC @ 20 VA transformer included)  
Current Consumptions: approximately 70 ma typical.  
Battery Backup: 1800 mAH @ 3.7V included (HM-BAT850)  
Recommended wire: 2-conductor 20AWG (or larger) stranded tinned copper with PVC insulation rated to 300 volts. Maximum recommended wire length between transformer and repeater is 328 feet (100 meters).

### **ACCESSORIES:**

HM-ACC640: Weatherproof plastic enclosure for outdoor installations.  
HM-ACC640H: Weatherproof enclosure with heating element.  
HM-BAT850: Battery backup replacement.  
1800 mAH @ 3.7V

## **ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**

The repeater shall be a HM-5040T supplied by Heritage MedCall. The HM-5040T shall be capable of receiving decoding and retransmitting transmissions of wireless transmitters and repeaters. The HM-5040T shall require 14 VAC hookup with maximum wire length of 328 feet. The HM-5040T shall not require home run wire to any equipment. The HM-5040T shall provide LED indicators to provide operational condition.