

A *Special* OFFERING • ONLY 1000 AVAILABLE  
BEAUTIFUL 7"

# BELMONT RAYTHEON TELEVISION RECEIVER KIT



COMES  
*Complete*

This is the same TV receiver currently selling throughout the United States at \$149.50. The attractive, highly finished mahogany cabinet 10" x 17" x 16 1/2" is a handsome addition to the furniture in any home. The 18 tubes include the latest miniature TV types with 7" TV tube. A 12 channel tuner completely assembled and aligned with the H. V. power supply assembled ready to install. Every single part is supplied.

## SEE WHAT'S INCLUDED

- Beautiful Mahogany Cabinet
- 18 Tubes with 7" Picture Tube
- Ready Assembled 12 Channel Tuner
- Ready Assembled HV Power Supply
- A Factory Engineered Quality TV Set

ALL FOR  
*Only*  
**\$69<sup>50</sup>**

THE HEATH COMPANY  
BENTON HARBOR, MICHIGAN

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# TELEVISION KIT

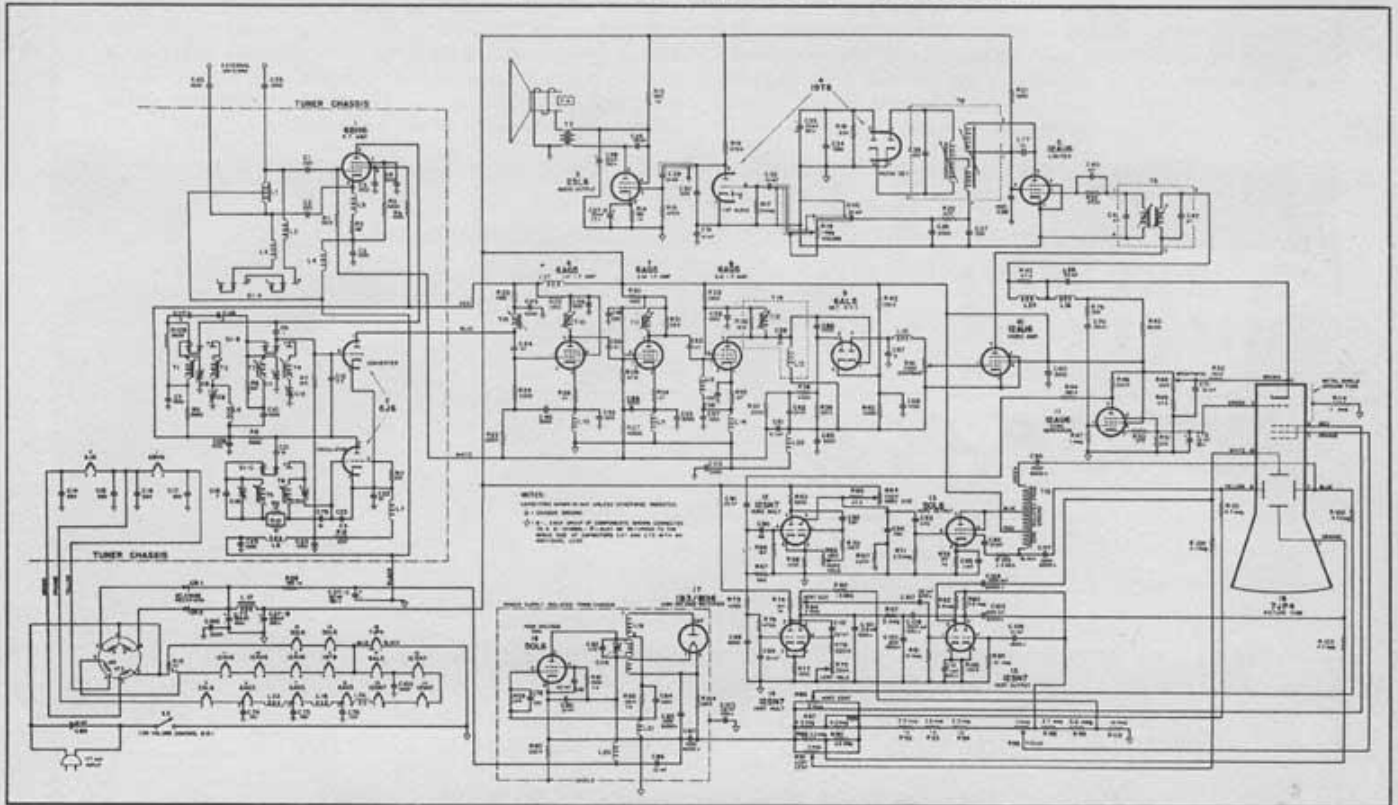
Factory quality . . . complete with  
beautiful Mahogany cabinet . . .  
18 tubes . . . 7" TV tube . . . all parts

A SPECIAL OFFER AT

Only **\$69.50**

QUANTITY LIMITED

Schematic of Belmont Raytheon 7" TV Receiver



A Complete TV Kit with Tubes, Cabinet, Tuner only \$69.50

## A STANDARD BELMONT RAYTHEON TV SET IN KIT FORM

This beautiful 18 tube television receiver uses a 7JP4 direct view picture tube. The five panel controls are station selector, volume and off, vertical hold, horizontal hold and contrast. The tuner covers all 12 TV channels.

The audio portion uses FM for maximum quality sound.

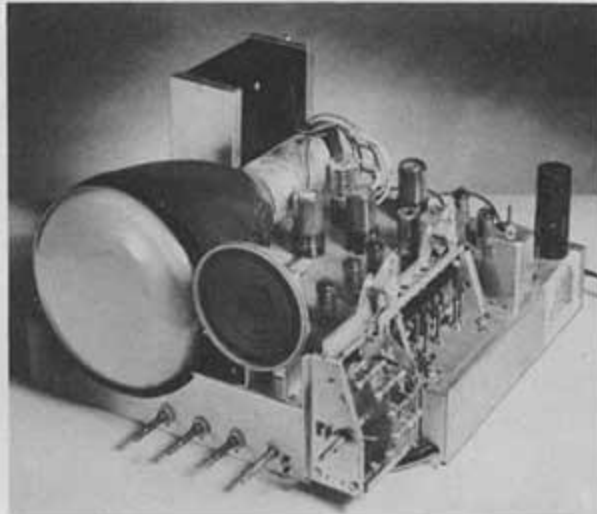
The high voltage power supply supplies 5000 Volts for picture tube operation.

The cadmium plated steel chassis measures 14" x 14" x 2½" and comes ready punched and formed for quick assembly.

The circuit uses a 6BH6 RF amplifier, 6J6 as mixer and oscillator, 25L6 audio output, 19T8 as FM detector and audio amplifier, 12AU6 limiter, three 6AG5 as I.F. amplifiers, 6AL5 second detector, 12AU6 syn. separator, 12AU6 video amplifier, 12SN7 horizontal multivibrator, 50L6 horizontal output, 12SN7 vertical multivibrator, 12SN7 vertical output, 50L6 high voltage oscillator, 1B3/8016 high voltage rectifier, 7JP4 picture tube.

The power supply operates from 105 to 125 Volts AC or DC with a consumption of 100 Watts.

On the rear of the chassis are the following controls: Brightness, vertical size, horizontal size, focus, horizontal centering, vertical centering.



The circuit incorporates three stages of wide band I.F. and is of the inter-carrier sound type. The sound portion uses limiter-detector for FM reproduction. A four inch PM speaker is used.



## Beautiful STYLING

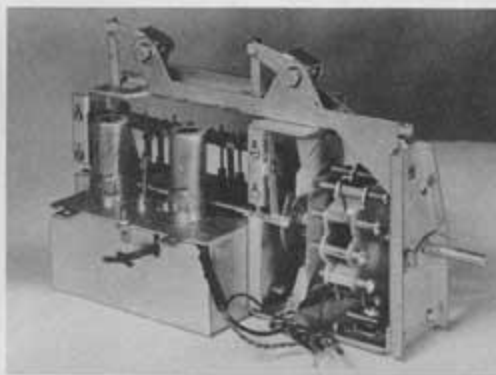
This modern beautifully styled TV receiver will bring untold pleasure and entertainment to the entire family. The pleasant appearance compliments any living room while the steadily improving programs will please the entire family. There are excellent vaudeville programs to entertain your friends, excellent children's programs, Arthur Godfrey, United Nations programs for serious thinkers. A television set aids in the education of the family and by building it vast technical knowledge of this new profitable field is obtained.

HEATH COMPANY • BENTON HARBOR, MICHIGAN

# Completely ASSEMBLED 12 CHANNEL TUNER

One of the finest tuners available is supplied completely assembled. The tuner has 3 permeability tuned circuits for both the high and low bands. A 6BH6 is used as R.F. Amplifier while a 6J6 twin triode operates as mixer and oscillator. This tuner is big—9" long, 4" wide and 6" high and should not be compared with the small switch tuned tuners usually supplied.

The tuner is adjustable from the front of the set and can be peaked while observing the station. It is aligned before shipment.



## COMPLETELY ASSEMBLED 5000 VOLT PICTURE TUBE POWER SUPPLY

This husky 5000 volt supply provides adequate voltage for the picture tube and gives perfect black and white reproduction. It is of the R.F. type and comes complete with the 50L6 R.F. oscillator and the 1B3 rectifier tubes installed.

A complete schematic is reproduced on the back of this circular.

### IMPORTANT NOTICE BEFORE ORDERING

This kit is supplied with the manufacturer's service manual which covers the design of each section with schematics, the alignment of the entire unit, a description of the operation of each section, trouble shooting, parts list and large complete schematic. In addition, a copy of Howard Sams Photofact service data is included showing location of parts.

There is **NOT AN ASSEMBLY** instruction manual or pictorial wiring diagram.

The construction should **NOT** be attempted by any but experienced radio assemblers or with the assistance of an experienced radio technician. The standard Heathkit service policy does not apply to this instrument.

## ORDER BLANK

To **HEATH COMPANY**  
BENTON HARBOR,  
MICHIGAN

From \_\_\_\_\_

(PLEASE PRINT NAME AND ADDRESS)

**PLEASE RUSH**

\_\_\_\_\_ Belmont Raytheon 7" TV Kits at \$\_\_\_\_\_ each

QUANTITY

Also include \_\_\_\_\_ Heathkit \_\_\_\_\_ at \$\_\_\_\_\_

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