

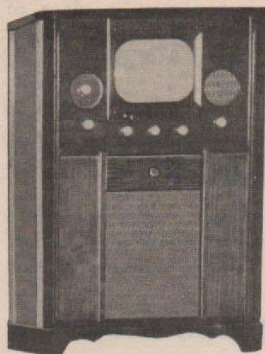
TRANSVISION TELEVISION KITS

The Kit for the Millions!

NO TECHNICAL KNOWLEDGE REQUIRED FOR ASSEMBLY

Save Several Hundred Dollars!

BUILD YOUR OWN QUALITY TELEVISION SETS **12-INCH or 7-INCH-PICTURE MODELS**



12" KIT (Console Model)

ANYONE can easily assemble the Transvision Television Receivers and enjoy the finest in television reception in addition to saving several hundred dollars.

Everything required to assemble a complete quality set is included in the kits—except a screw driver, cutting pliers and a soldering iron. The non-technical easy to follow, step by step instructions permit quick, easy assembly by referring to each part as a package number.

Sharp, steady picture is achieved with remarkable brightness, even in lighted room. As easy to tune as your radio.



12" KIT (Table Model)

TRANSVISION 12-INCH STANDARD TELEVISION MODEL

75 Square Inch Picture—1½ Times Larger Than With 10 Inch Tube.

Receives television sight and sound of superior quality . . . RF unit designed for 13 channels . . . factory wired and pre-tuned for 7 channels (no areas have been assigned more than 7 channels; however, if desired, up to 6 more channels may be added at very nominal cost) . . . 4 mc bandwidth for full picture definition . . . High fidelity F.M. sound reproduction . . . 9000 volts second anode potential for brightness and contrast . . . 3 stages of picture IF, factory pre-tuned . . . 2 stages of IF coils, factory pre-tuned and aligned . . . Maximum picture sensitivity better than 50 microvolts . . . All controls on front panel . . . Complete with 22 tubes and 12" picture tube plus accessories listed below (Cabinet extra, if desired) . . . Chassis size 22"x17½"x4" . . . LIST \$289.00

TRANSVISION 12-INCH DELUXE TELEVISION MODEL

with superb BUILT-IN F.M. RADIO

COMBINATION TELEVISION-AND-F.M. RADIO RECEIVER

Same characteristics and circuit as the Standard Model above plus the following **ADDITIONAL FEATURES:** 50-216 mc. continuous tuning . . . Covers the entire F.M. band and all 13 television channels . . . Cut-off switch eliminates unused tubes when set is used only as F.M. radio receiver.

LIST \$359.50

(Cabinet extra, if desired)

TRANSVISION 7-INCH STANDARD TELEVISION MODEL

Receives television sight and sound of superior quality . . . 18 tubes including 7 inch picture tube . . . newly designed sweep and synchronizing circuit . . . high signal sensitivity . . . 100 microvolts for picture circuit . . . pre-tuned for any 3 stations . . . Complete with 18 tubes and 7 inch picture tube, finished front panel plus accessories listed below . . . Chassis size 17"x15"x3½" . . . LIST \$169.00
(Cabinet extra, if desired)

TRANSVISION 7-INCH DELUXE TELEVISION MODEL

with BUILT-IN F.M. RADIO

(Combination Television and FM Radio Receiver)

Same characteristics and circuit as the 7-inch Standard Model above, plus the following **ADDITIONAL FEATURES** . . . Includes F.M. radio unit, factory wired and tuned, complete with tubes . . . Covers the entire F.M. range 88-108 mc.

LIST \$199.00

TRANSVISION TELEVISION CABINETS

All cabinets, table and console models are extra. Made of select grain walnut with beautiful rubbed wood finish. Fully drilled, ready for installation of assembled television receiver.

TABLE MODEL CABINET for 12 INCH KIT

Same cabinet fits Standard or DeLuxe Kits. Specify for "Standard" or "DeLuxe" . . . Size 24" wide x 17" high x 18" deep . . . LIST \$44.95

CONSOLE MODEL CABINET for 12 INCH KIT

Has built-in compartment for record player or changer. Provision for 12" speaker. Size of cabinet 29" wide x 42" high x 19" deep. Approx. ship. wt. 60 lbs. . . . LIST \$74.50

TABLE MODEL CABINET for 7 INCH KIT

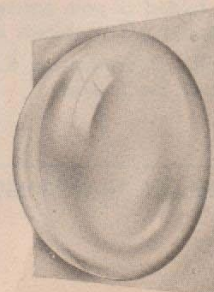
Same cabinet fits Standard or DeLuxe Kits . . . Size 19¼" wide x 15⅜" high x 17⅛" deep . . . LIST \$32.50



7" KIT (Table Model)



7" KIT (with front panel)



Picture Enlarging Lens

TRANSVISION TELEVISION KITS

TRANSVISION TELEVISION PICTURE ENLARGING LENS

Has adapter arrangement for Transvision Panels and Cabinets. Brilliantly enlarges any 7" television picture to equivalent picture of 10" television set at substantial savings . . . This plastic lens gives 52 square inch picture in place of original 25 square inch pictures of any 7" television set . . . Provides high fidelity enlarged optical image . . . 1/3 weight of glass lens of similar magnification power . . . OPTICALLY GROUND AND POLISHED TO HIGH ACCURACY . . . 50% greater light transmission than equivalent glass lens.

10 INCH PICTURE ENLARGING LENS with adapter.....LIST \$17.50

•• TECHNICAL INFORMATION ON TRANSVISION TELEVISION KITS ••

TRANSVISION 12" TELEVISION KIT

FRONT END—Will handle 13 television channels.

DELUXE MODEL—continuous tuning from 50 to 216 mc. including the F.M. band to receive F.M. broadcasts.

STANDARD MODEL—13 channel RF unit wired for 7 channels which include 2-4-5-7-9-11-13.

- Any of these channels will be exchanged free of charge by Transvision for existing channels.
- Additional channels can be added by Transvision at factory cost.

POWER SUPPLY—High voltage supply is of the flyback type, delivering 9 KV.

- Low voltage power supply is well filtered, uses full wave rectification.
- Delivers 375 volts positive at 225 MA with good regulation at continuous duty.
- Power consumption—approximately 270 watts.
- Low voltage power supply uses 1-5U4G rectifier (full wave).
- High voltage power supply uses 1-8016 half wave rectifier.

I.F. VIDEO & SOUND STRIPS: Picture I.F. Stages—3.

- Sound I.F. Stages—2 plus ratio detector.
- Video Stages—1, with flat response to 4 mc.
- D.C. Restorer—1.
- IF Frequency—Audio 21.9 mc.—picture 26.4 mc.

TUBES USED—(22 tubes plus 12" picture tube).

- Tubes used in above IF stages: 3-6AC7 picture IF amplifier (video).
- 1-6AL5 (1/2 picture detector, 1/2 D.C. restorer).
- 1-6AG7 amplifier (video).
- 1-6AL5 ratio detector.
- 2-6AC7 sound IF amplifier.
- **AUDIO**—3 stages: (1-6SN7 for 1st and 2nd stage, 1-6V6 for 3rd stage).
- **FRONT END:** 1-6AK6 tuned RF amplifier, 1-6AK5 mixer, 1-6C4 oscillator.
- **SYNC SEPARATOR—SYNC AMPLIFIER—SWEEP CIRCUIT:** 1 - 6SN7 vertical blocking oscillator, 1 - 6SN7 horizontal blocking oscillator, 1 - 6SN7 vertical output

amplifier, 1 - 6B6G horizontal output amplifier, 1 - 6X5 damper, 1 - 6SN7 (2 stages) 1st sync amplifier, 1 - 6SN7 (2 stages) 2nd sync amplifier, 1 - 12" cathode ray picture tube—type 12JP4.

TRANSVISION 7" TELEVISION MODELS

SET PERFORMANCE

- Large enough picture to comfortably accommodate ten or more people.
- Picture brightness suitable for viewing even in a lighted room.
- Clarity and detail comparable to or better than a moving picture.
- Will be pre-tuned for any three stations desired by customer.
- Excellent sound performance—Large 6" speaker with heavy weight Alnico Permanent magnet.

TECHNICAL DATA

- 3.5 megacycle band width in picture circuit.
- Eighteen tube set.
- Newly designed sweep and synchronizing circuit.
- 3,000 volt second anode voltage.
- High signal sensitivity—100 microvolts for picture circuit.
- Seven-inch Lectrovision Picture Tube.

RF section uses a 6AC7 mixer and a 6C4 local oscillator.

In the video IF section there are three stages, each using a 6AC7. The Audio Intelligence is picked off of the second IF transformer by a trap tuned to 21.9 megacycles and fed into a sound IF stage that uses another 6AC7. A 6SQ7 demodulator-amplifier and a 6V6 power amplifier comprise the audio section, while the video detection and amplification are achieved by a 6H6 and 6AG7 respectively.

The sync separator is still another 6AC7 and it fires 6N7 multivibrators in both the vertical and horizontal sweep circuits. The 6SN7's that follow are push-pull amplifiers. Low voltage rectification employs a 5U4G, while a 2X2 (or 2Y2) rectifies the high voltages. The picture tube is the type 7EP4.

ALL TRANSVISION KITS ARE COMPLETE! — NOTHING ELSE TO BUY!

All Transvision Television kits are complete with all tubes, including picture tube, wired and pre-tuned RF and IF units, high gain folded di-pole antenna with 300 ohm 60 ft. lead-in cable, wire and solder. All kits are for operation on 105-125 volts, 60 cycles AC. Cabinets are extra.

REMEMBER, all Transvision Kits when assembled make **HIGH QUALITY TELEVISION RECEIVERS** comparable to the finest sets on the market.

All prices fair traded. All prices 5% higher west of the Mississippi River.
Manufactured by TRANSVISION INC., NEW ROCHELLE, N. Y.

BUY ALL TRANSVISION PRODUCTS FROM YOUR AUTHORIZED TRANSVISION DISTRIBUTOR!