

At Last!

a foolproof, perfected,
fixed-tuned
television booster!

BT

antensifier

the
ultimate
antenna
amplifier

Amplifies all channels
without adjustment . . .
automatically!

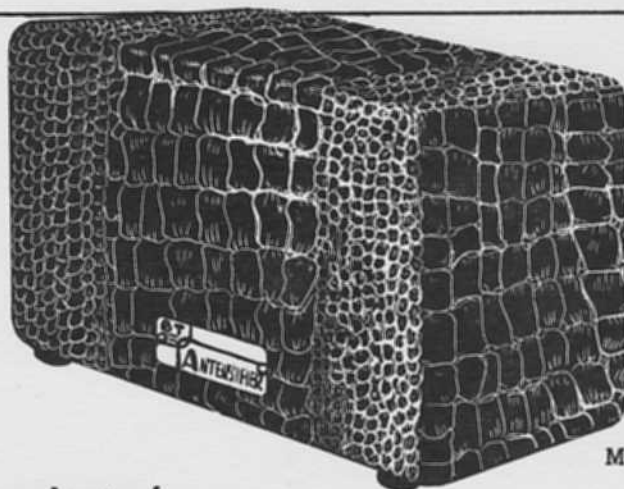
Install it and forget it!
Requires no tuning or ad-
justing, ever. The easiest
\$49.50 sales you'll ever
make! A 60-second demon-
stration clinches the deal.

Model HA-1-L

\$49⁵⁰

list

- High gain, above 25 db on all channels.
- Obtains the finest sensitivity and signal-noise ratio possible with any set.
- Amplifies all FM signals.
- Excellent signal to noise ratio — clears up snow.
- Negligible insertion loss when booster is turned off.
- Excellent antenna match eliminates line ghosts.
- Installed easily in less than a minute.
- 300 ohms input and output impedances.
- Booster power controlled by on-off switch on TV set.
- Sound and picture amplified equally well.
- Simple, smart cabinet in alligator-grain, size $7\frac{1}{2} \times 5\frac{3}{4} \times 4\frac{1}{4}$.



Model HA-1-L

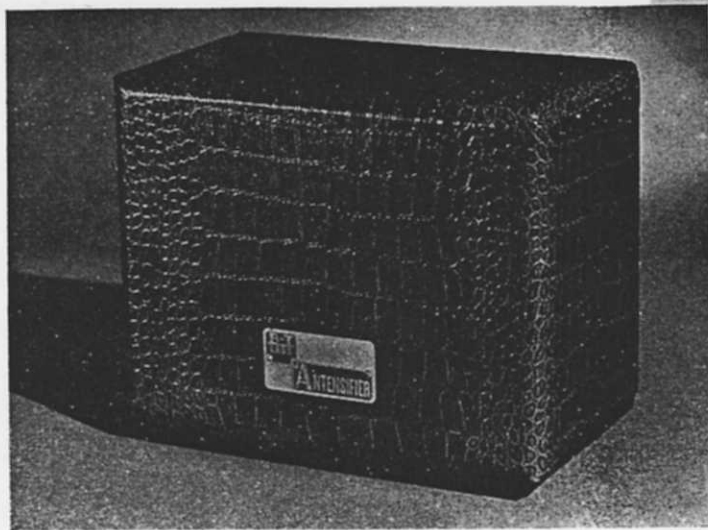
a product of

BLONDER-TONGUE
LABORATORIES

20 Gunther Ave., Yonkers, N. Y.

BT
LABS

The Ultimate Antenna Amplifier



Completely Automatic

Your customer will never have to tune or adjust the BT Antensifier TV Booster. For it operates *automatically* to improve miraculously both picture and sound as the viewer changes his channel on the TV set's own control knob. The booster itself is silent. When the TV set is turned on or off, the booster goes on or off. This is accomplished by a new automatic thermo-relay power switch, designed and made only by BT Labs.

To prevent the TV set ever being overloaded by an occasional very strong signal, the BT Antensifier contains a bypass switch which cuts the booster out of the circuit. In such cases there is a negligible insertion loss. This feature enables the BT Antensifier to cope with every type of signal and assures the best possible results on all channels, strong or weak.

Easy, One-Minute Installation

The TV set's AC cord is connected to the BT Antensifier, which is then plugged in to the AC outlet. The antenna line is cut at a suitable place, and the Antensifier inserted in it. The installation takes about 60 seconds. Perfect for quick demonstrations in prospects' homes, where the immediate improvement in reception clinches the sale.

Attractive, But Can Be Concealed

Because it's automatic, the BT Antensifier can be hidden within the TV cabinet or anywhere out of sight, — a definite selling advantage in most houses. But where it must show, it presents an attractive appearance in its leatherette-covered wood cabinet that blends with any furniture decor. There are no shock hazards.

the BT

ANTENSIFIER TV BOOSTER

outmodes all hand-tuned boosters

*Gives best picture and sound
on all channels without tuning*

How It Works

There's no mystery to TV reception. The noise factor of the initial amplifier stages in the TV set's tuner fixes the quality of reception. If the noise factor is above the theoretical minimum, reception is poor. The BT Antensifier supplies the signal with sufficient rf (radio frequency) gain to overcome the noisy TV tuner, and itself possesses a low noise factor to furnish the best in reception. With a BT Antensifier, it can be said that *any* TV set will equal the *finest* TV set in long-distance pick-up.

The BT Antensifier is not an old system dressed up in a fancy new package, but an original 4 cascaded tube circuit of balanced design clear through. It utilizes a revolutionary new broad-band circuit developed by BT Labs in 3 years of research. Four dual-triode tubes give the push-pull amplification that cleans up the picture on *all* channels without any tuning or adjustment whatsoever. Input impedance is 300 ohms \pm 20% matching the 300 ohm transmission line, thus eliminating line ghosts. And it has a stable, high gain, the highest-usable gain on every channel available in any booster approaching its price class.

- fully automatic, requires no tuning, has no knobs to turn
- more provable, immediately demonstrated signal amplification
- brings in good pictures in otherwise hopeless fringe areas
- installed in 1 minute for quick, clinching demonstrations
- requires no attention, no tuning, no adjustment — can be forgotten after installation
- every user enthusiastically reports it improves picture and reduces snow under all conditions.

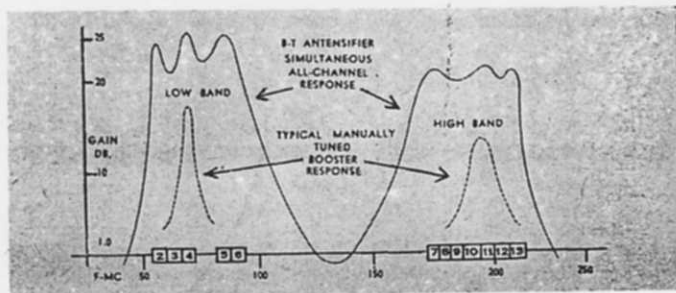
Model HA-1-L. Size: 7½ x 5¾ x 4¼. Weight: 4 lbs. 117 volt, 60 cycle AC. Shock-proof. Patents Pending. **\$57.50** list price. Regular discounts.

a product of

B BLONDER
T TONGUE
Laboratories

Yonkers, N. Y.

38 NORTH 2ND AVE.
MT. VERNON, N. Y.



As the graph shows, the BT Antensifier presents a very wide, flat response on all 12 channels. It improves definition and contrast, reduces interference and snow. Picture and sound components are amplified equally well, preventing loss of picture detail or sound volume, as may often happen with ordinary single channel manually-tuned boosters.