

# THE END OF THE RECEIVER.



## THE ADCOM TUNER/PREAMPLIFIER AND 60 WATTS PER CHANNEL.

### There's a lot more to the GTP-500 tuner/preamplifier than meets the eye.

The tuner section is quartz-referenced and digitally synthesized, with a tuning accuracy of 0.000025 percent. Since tuner accuracy translates into lower distortion, our superb rating is audibly significant.

If you're in an urban area troubled by excessively strong stereo-FM signals and multipath distortion—or in a rural area where distance is a problem—you'll appreciate how well this tuner brings alive the musical aspects of the received signal.

The specially-designed IF stage offers distortion-free listening from high-quality broadcasts. And sensitivity and selectivity are optimized for a balance of performance characteristics that can be appreciated every time you listen to a radio signal.

When especially difficult reception conditions cause excessive noise, a switchable high-blend circuit can be used.

Sixteen stations—eight each, FM and AM—can be programmed for instant retrieval at the touch of a button. Once a station is tuned in, it's locked in. No drift. No error. And a touch of another button scans up or down from any point.

### We've added even more remote-control convenience and flexibility than you've been enjoying with your VCRs and TV sets.

An integral part of this new system component is a full-function wireless remote control that lets you command the GTP-500.

Every bit of this high level of performance is yours to control from the comfort of your favorite chair, and—with optional extension remote sensor—from other rooms in your home, as well as patio and pool.

### Remote control from any chair, any room.

Most useful functions of the GTP-500 can be operated by remote control:

- Power on/off
- Selection of pre-programmed FM and AM stations
- FM scan
- Volume level
- Source selection

Remote sensors, wired to the system, can be installed in other rooms, and activated in the same manner. Thus, the superb performance of your Adcom system can be enjoyed whenever and wherever you like at minimal additional cost.



RC-500



GTP-500 and GFA-535

## THE ADCOM TUNER/PREAMPLIFIER AND 100 WATTS PER CHANNEL.

### The preamplifier section.

The preamplifier section provides optimum signal-to-noise ratios at both the phono and high-level inputs. That's very important for playing compact discs and the new wide-range HiFi video systems, as well as your treasured LPs.

The phono and high-level amplifiers (which are at the heart of the preamplifier) use custom-designed linear gain stages that provide low distortion, low noise and high speed.

High accuracy in the RIAA phono equalization circuit assures superb performance from any high-output moving-coil or moving-magnet cartridge.

The separate recording selector allows listening to one source while recording from another.

Tone controls and contouring circuits can be switched in when needed, and are more useful and musically accurate than any you're likely to have encountered.

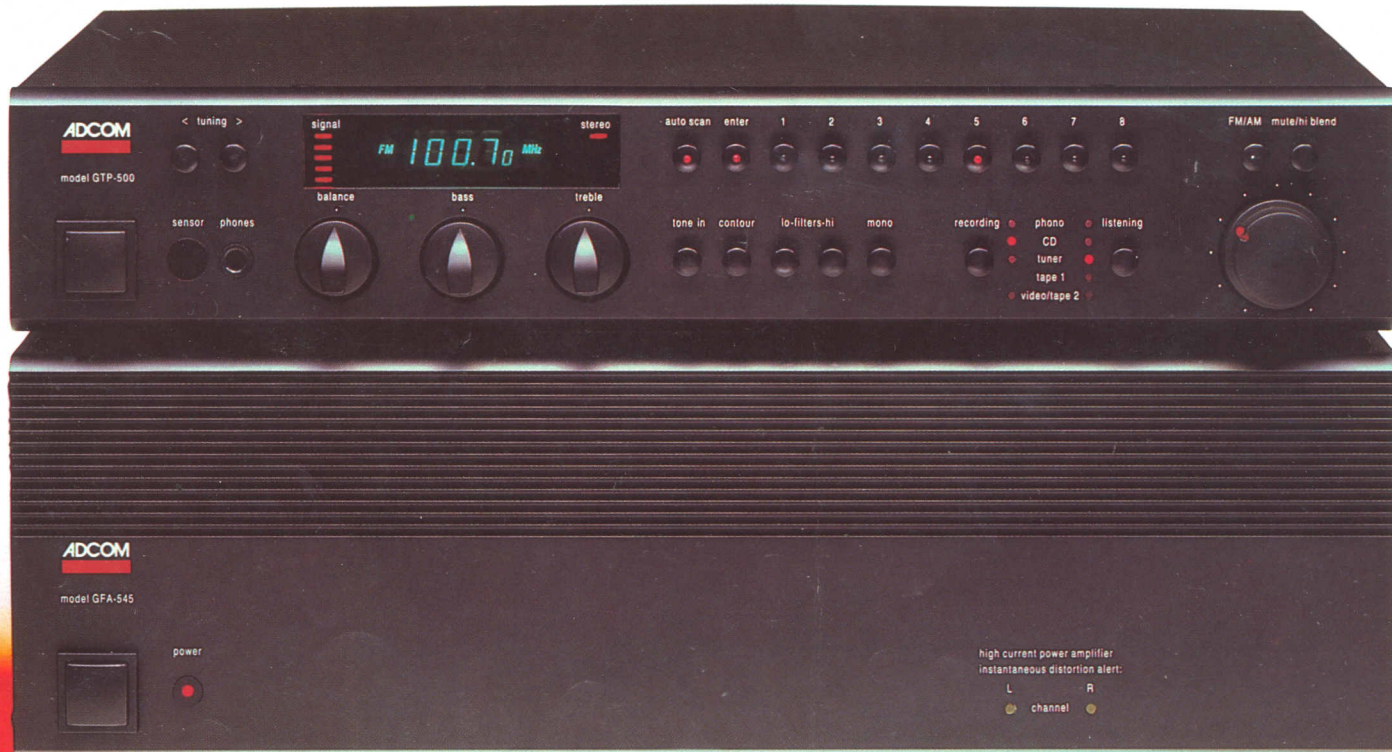
### As for convenience...

Those lights you see on various buttons and controls all have a useful function. They indicate the program source you've selected—phono, tape, CD, tuner, etc.—either manually or with the wireless remote control. The motorized level control also has an LED that rotates with it and can be observed from across the room. Note: Unlike electronic remote control circuits, this one is infinitely adjustable and distortion-free.

### As for power...

You've already noted the most obvious advantage of having the tuner and amplifier on one chassis and power amplifier on another: the virtually unlimited choice of output power.

If at this time, 60 watts per channel meets your needs, that's what you can have with the matching GFA-535 power stage. If you need more power—because of your new CD library, or less efficient



GTP-500 and GFA-545

## THE ADCOM TUNER/PREAMPLIFIER AND 200 WATTS PER CHANNEL.

speakers in a larger room—you might want our 100-watt/channel GFA-545 or our 200-watt/channel GFA-555.

And if you should ever need extraordinarily high power, that's also available, even at a later date. Just add a second GFA-555, with each amplifier bridged to its mono mode. You'll then have 600 watts per channel.

### The quality of power.

Here is where we've made our strongest impact on music lovers who demand the best sonic performance regardless of price.

All our power amplifiers are based on the same sophisticated circuitry as our flagship GFA-555, which received a rare tribute from *Stereophile* magazine (Volume 8, no. 4). A pertinent quote:

**"It is so clearly superior to past amplifiers in the low-to-mid-priced range—not to mention most amplifiers two to three times its price—that I can unhesitatingly recommend it for even the most demanding high end system!"\***

### It's now decision-making time.

If you've been thinking about just another receiver, or something really extravagant, you now have a significantly new and different choice. For the first time, you can have a superb level of sound quality together with convenience and flexibility. And all at a remarkably affordable price.

Anything less will be another compromise.

\*A reprint of the complete report is yours for the asking. It also includes the approximate retail prices—up to \$6,000!—of all the amplifiers mentioned in the report.



GTP-500 and GFA-555

# THE DAWN OF A NEW ERA.

## **The Adcom<sup>®</sup> GTP-500 Tuner/Preamplifier.**

### **A new level of sonic quality and convenience that obsoletes the receiver.**

Adcom is well known as a manufacturer of quality separate components—tuners, preamplifiers and amplifiers—all highly regarded for their exceptional performance *and* their rational prices.

Demonstrably superior quality along with flexibility and affordability is what we now offer in a significantly new type of component. The GTP-500 combines an exceptional tuner and preamplifier on a single chassis, conceived and designed for use with a wide choice of separate power amplifiers.

#### **Avoiding the receiver's inherent problems.**

Receivers are not equipped with the heavy-duty, high current, high voltage power supplies available in the best separate power amplifiers. First of all, there just isn't enough space. More importantly, there are technical limitations. In a receiver, such supplies would generate unacceptable levels of heat and hum. And the high signal levels found in the power output stages create a source of noise, crosstalk and preamplifier instability.

Obviously, heat and noise-generating elements shouldn't be operating in close proximity to tuner and preamplifier circuits. However, this is exactly where such elements—scaled down, to be sure—are found in receivers.

That's why the over-all performance of receivers (and integrated amplifiers, for that matter) is seriously compromised for the seeming advantage of all-in-one convenience.

Our new tuner/preamplifier totally eliminates all such compromises, and avoids any degradation in tuner and preamplifier performance typically introduced by the presence of incompatible power-amplifier components.

Simply stated, we've kept the low-current, low-voltage elements totally isolated from the high-current, high-voltage elements—as they should be, and may always be from now on in quality components.

#### **60 to 600 watts per channel!**

At the same time, we've achieved something else that you can appreciate even without a technical background.

You can now have all the low-distortion power you are ever likely to need or want—from a conservative 60 watts per channel to an awesome 600 watts per channel, continuous, at any time you need it, not just for milliseconds! All with a matching high-performance tuner/preamplifier to control and apply the power.



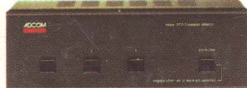
**Remote control of your GTP-500 throughout your home!**



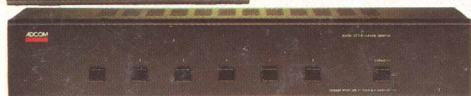
**XR-500**

With one or more XR-500 remote sensors (optional) connected to the GTP-500 Tuner/Preamplifier, you can use the RC-500 wireless remote control to operate your Adcom system from as many rooms as you like.

**Speaker selectors.**



**GFS-3**



**GFS-6**

These heavy-duty speaker selectors can be used with amplifiers rated up to 200 watts/channel. The GFS-3 switches up to three speaker pairs; the GFS-6, up to six pairs. Each speaker selector contains special-circuitry to protect your amplifier from reduced impedance when multiple speakers are operating at the same time.

**Components also available with white or silver front panels.**



All components shown in this brochure (except the GFS-3) are available on special order with white or silver front panels. The GTP-500 Tuner/Preamplifier and GFA-545 Power Amplifier are shown here with white front panels.

**Rack Mount Adaptors.**

Optional adaptors for 19" rack mount are available for all models except GFS-3.

**SPECIFICATIONS GTP-500**

**FM TUNER SECTION**

IHF sensitivity, mono: 9.5 dBf  
 Signal strength for -50dB quieting, mono/stereo: 12.5/36.5 dBf  
 Capture ratio: 1.5 dB  
 AM suppression: 65 dB  
 Alternate channel selectivity: 80 dB  
 Separation at 1kHz: 52 dB  
 THD/stereo: at 1kHz: 0.09%  
 Maximum signal-to-noise ratio, mono/stereo: 85/75 dB  
 Frequency response: 30Hz-15kHz  
 Antenna impedance: 75 or 300 ohms

**PREAMPLIFIER SECTION**

Total harmonic distortion: 0.01%  
 IM distortion: 0.005%  
 Frequency response: 20 Hz — 20 kHz ± 0.1 dB  
 Maximum output level: 8 volts  
 Input sensitivity for .5V output: Phono: 4mV High level: 40 mV  
 Signal-to-noise ratio: For .5V output: Phono: 82 dB For 2V output: High level: >100 dB  
 Tone controls: Bass (40 Hz) ± 9.0 dB Treble (15 kHz) ± 9.0 dB  
 Output impedance: 470 ohms  
 High filter: -2 dB at 20 kHz  
 Low filter: -5.0 dB at 20 Hz  
 Voltage: 117V/60 Hz (Available in 220V/50Hz on special order)  
 Dimensions: 17 x 3 3/4 x 12 3/4"  
 Weight: 15 lbs.  
 Optional accessory for GTP-500: RM-3 rack mount adaptor

**AMPLIFIERS**

Power output, watts/channel, continuous, both channels, 20 Hz-20 kHz, <0.09% THD:

	GFA-555	GFA-545	GFA-535
8 ohms	200	100	60
4 ohms	325	150	100
Bridged, mono, 8 ohms, 20 Hz-20kHz, <0.25% THD:	600	n/a	n/a
Bridged, mono, 4 ohms, 20 Hz-20kHz, <0.25% THD:	850	n/a	n/a

Signal-to-noise ratio A-weighted, full output:

>106 dB

Input impedance:

22 kOhms

Input sensitivity: for rated output: for 1 watt:

1.85 volts	1.3 volts	1.0 volt
	130 mV	

Damping factor (20 Hz-20 kHz):

130

Dynamic headroom (at 4 ohms):

2.3 dB	2.6 dB	3 dB
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Voltage:

117V/60 Hz (Available in 220V/50Hz on special order)

Dimensions:

17x7 3/8 x 11 1/2"	17x5 1/2 x 12 1/2"	17x3 1/4 x 12 1/2"
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Shipping weight:

35 lbs.	27 lbs.	22 lbs.
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Optional rack mount adaptors:

Black:	RM-7	RM-5	*RM-3
White:	RM-7W	RM-5W	*RM-3W
Silver:	RM-7S	RM-5S	*RM-3S

\*Also for GTP-500



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