

**High Performance Tuner Offers Highly Sensitive Reception Capability and the Finest Tuning Performance.**



## 1 High Sound Quality

- Direct PLL IF Count Synthesizer Tuning for Tuning Accuracy
- Absolute Linear Phase IF Amplifier Circuitry

## 2 Advanced Facilities

- 40-Station AM/FM Random Access Preset Tuning
- Auto FM Station Memory and Preset Editing (Auto Station Memory)
- Multi-Status Station Memory
- RoHS Compliant

### TX-497 Main Specifications

#### [FM SECTION]

FM 50dB Quieting Sensitivity	
Mono	1.55 $\mu$ V (15.1 dBf)
Stereo	21 $\mu$ V (37.7 dBf)
FM Image Response Ratio	40 dB
FM IF Response Ratio	70 dB
FM Spurious Response Ratio	60 dB
FM Alternate Channel Selectivity	85 dB
FM Signal-to-Noise Ratio	
Mono	82 dB
Stereo	76 dB
FM Harmonic Distortion (1 kHz)	
Mono	0.1%
Stereo	0.2%
FM Channel Separation (1 kHz)	50 dB
FM Frequency Response	30 Hz–13 kHz $\pm$ 0.5 dB
[AM SECTION]	
AM Usable Sensitivity	200 $\mu$ V/m
AM Selectivity	32 dB
AM Signal-to-Noise Ratio	50 dB
AM Image Response Ratio	40 dB
AM Spurious Response Ratio	50 dB
AM Harmonic Distortion (1 kHz)	0.3%
[GENERAL SECTION]	
Dimensions (W x H x D)	435 x 86 x 278 mm
	17-1/8" X 3-3/8" X 10-15/16"
Weight	3.2 kg; 7.1 lbs.

## High Sound Quality

### Direct PLL IF Count Synthesizer Tuning

Direct PLL IF Count Synthesizer Tuning combines direct PLL (Phase-Locked Loop) tuning LSI circuitry with a microprocessor-controlled IF count process to lock precisely onto the broadcast frequency.

### Absolute Linear Phase IF Amplifier Circuit

Tuners have amplification circuitry also, which has a direct bearing on your tuner performance. Yamaha Absolute Linear Phase IF Amplifier circuit provides excellent selectivity, for outstanding interference rejection and optimum phase linearity, and improves stereo separation.

## Advanced Facilities

### 40-Station "Instant Access" Preset Tuning

With 40 station preset tuning, you can instantly tune in your desired station with one touch. The preset stations can be AM or FM, in any order you like. However, to simply things, they are grouped in five sets according to AM and FM, or musical genre, or anyway you decide.

### Auto FM Station Memory and Preset Editing (Auto Preset Tuning)

Auto FM Station Memory automatically presets the 40 strongest FM stations on the dial so you don't have to do it manually. You can then use Preset Editing to arrange AM and FM stations in groups as you wish.

## Multi-Status Station Memory

Thanks to Multi-Status Station Memory, each station memory includes the parameters set when it was memorized, for optimum quality each time it is selected.

## RoHS Compliant

This environmentally friendly tuner fully complies with the EU's RoHS (Restriction of Hazardous Substances) standards.

## Other Notable Features

- RDS: Radio Data System (European models only)
- Tuning Mode (Auto or Manual Mono) Selector
- High Gain AW Loop Antenna
- Auto Search and Manual Up/Down Tuning
- Rotary Encoder Tuning

## TX-497 Extensive Connections



• Product designs and specifications are subject to change without notice.