



**CRYSTAL CONTROLLED, HIGH OUTPUT  
AM-FM SWEEP and MARKER GENERATOR**

# MODEL 288AX



## FEATURES:

- *A complete alignment instrument*
- *Built-in Decibel Meter*
- *Crystal-Controlled frequency standard*
- *8 bands from 35 KC-160 MC*

The Model 288AX provides the necessary signal voltages for servicing AM and FM receivers as well as television receivers. In addition, a crystal-controlled 100 KC and 1000 KC oscillator provides an accurate frequency standard. The wide choice of frequency ranges, including new ultrasonic range of 35KC to 125KC sweep widths and methods of modulation makes this a uniquely versatile generator.

The high output voltage of the Model 288AX permits visual stage-by-stage alignment of IF stages, limiter and discriminator or both AM and FM receivers. Power and voltage measurements, as well as determination of resonance in alignment work are materially aided by a self-contained decibel meter with a range of -10 to +39 db.

## Technical Specifications

**Amplitude Modulated Ranges:** 35 KC—110 MC in 8 bands. Choice of unmodulated, 400~ modulation, or external modulation.

**Frequency Modulated Ranges:**

- 35 KC—110 MC in 8 bands (0-30 KC sweep)
- 1 MC—160 MC (0-150 & 0-450 KC sweep)
- 1 MC—Fixed (0-30 KC sweep)
- 50 MC—Fixed (0-150 KC & 0-450 KC sweep)

**Modulation:** Choice of External or internal modulation on both AM and FM ranges. Internal FM sweep width continuously variable to maximum of 450 KC. Choice of 60~ or 400~ sweep rate. Sweep synchronizing voltage brought out to front panel.

**Audio Frequency Output:** 20-15,000~ variable or 400~ fixed

**Crystal Output:** Choice of 100 KC or 1000 KC, unmodulated or modulated at 400~. 100 KC output provides useful harmonics to 15 MC; 1000 KC output useful to 125 MC.

**Output Control:** Vernier Control with decade steps of 1, 10, and 100.

**Db Meter:** Ranges of -10 to +6, +6 to +22, +22 to +38 decibels.

**Dimensions:** 16" Long x 13" High x 7" Deep—33 pounds net weight.

**Power Requirements:** AC —110 volt 50-70 cycles. Complete with crystals, cable assembly meter lead and instruction book.