TEAC *Professional Audio*

Another Exclusive Paso Quality Product !

AM/FM PLL SYNTHESIZED

Programmable Digital Tuner with Clock and Calendar

Rack Shelf P4035/2B

PTR460

General Information

❑ **AM and FM Digital Frequency Display**

❑ **PLL Quartz Synthesized Tuning System**

❑ **20 AM and 20 FM Station Memory Presets**

❑ **Automatic Station Memory Presetting**

❑ **Up/Down Station Memory Scan Function**

❑ **Digital Clock and Day/Month Display Calendar**

❑ **Programmable "Daily or Once" Automatic Turn-On Preset**

❑ **Programmable Automatic Shut-Off (Sleep)**

❑ **Programmable Station Identification Name**

❑ **High Luminosity Digital Fluorescent Display**

❑ **Display Dimmer Function**

❑ **Rack Mounting with Optional Rack Shelf (2U)**

❑ *Environmental Music Systems*

❑ *Commercial AM/FM Music Systems*

❑ *Broadcast Quality Performance*

❑ *AM/FM Monitoring Systems*

Specifications

FM TUNER SECTION

Tuning Range:	87.5 - 108 Mhz
Usable Sensitivity:	**(IHF)** Mono=10 dbf
	50 db quieting:
	Stereo=33 dbf, Mono=17 dbf
Selectivity:	Alternate Channel (98 Mhz ± 400 Khz) 65 db
Image Response Ratio:	60 db
Frequency Response:	20 Hz - 15 Khz, +0.5db/-3 db
Capture Ratio:	2 db at 98 Mhz
Distortion:	At 65 dbf, 98 Mhz: Mono=0.2% - Stereo=0.3%
Signal to Noise Ratio:	At 65 dbf, 1 Khz: Mono=70 db - Stereo=65 db
AM Suppression Ratio:	80 db
Stereo Separation:	40 db at 1 Khz
Output Level:	600 Mv at 2.2 K ohm

AM TUNER SECTION

Tuning Range:	530 - 1720 Khz,10 Khz steps
Usable Sensitivity:	55 db/m (562 µV/m, Loop Ant)
Selectivity:	55 db at ± 9 Khz
Distortion:	Mono= 0.2%, Stereo= 0.4%
Image Response Ratio:	35 db
IF Response Ratio:	60 db
Distortion:	1% at 85 db/m
Signal to Noise Ratio:	40 db at 85 db/m
Output Level:	170 mV at 2.2 K ohm

GENERAL

Antenna Impedance:	75 and 300 ohm
Power Requirement:	120 V AC 50-60 Hz, 4.5 Watt
Dimensions:	17 1/8" W., 3½" H., 11½" D. (435 x 87 x 294 mm)
Finish:	Matte Black
Net Weight:	6.5 Lb (2.9 Kg)

ACCESSORIES Optional

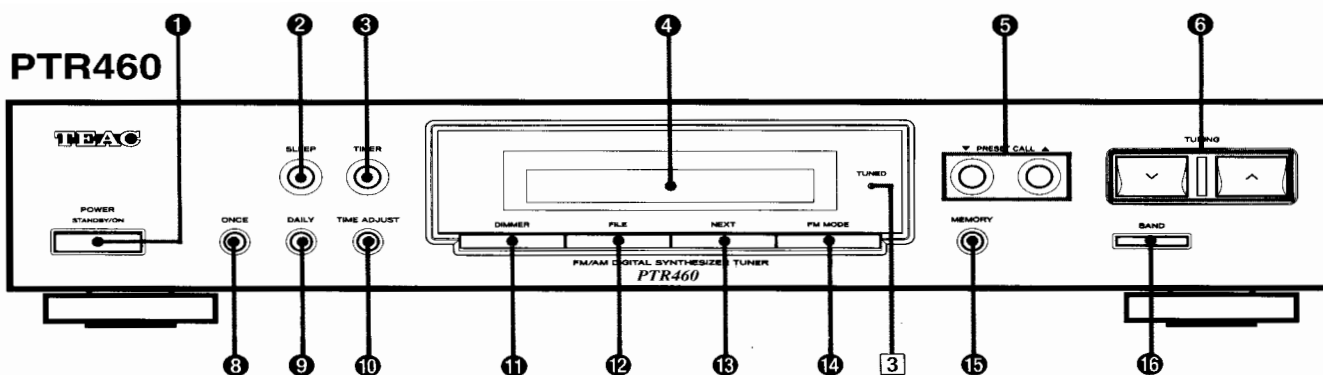|	
Rack Mounting:	Paso Model P4035/2B Shelf (2U Vertical Rack Space 3.5")

PTR460

REV 1.5

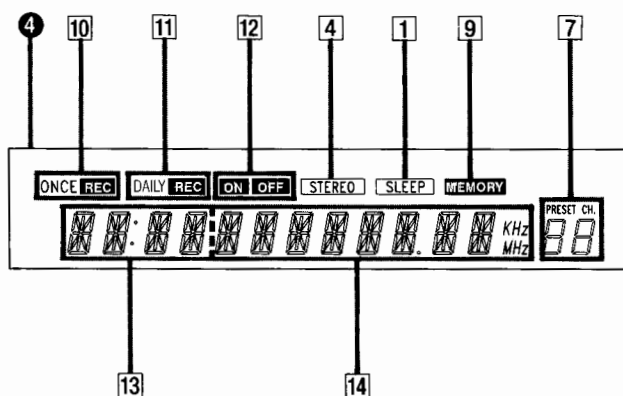**Form PTR460**

Innovation through technology since 1931

Front Panel Controls

1) Power (STANDBY/ON) Switch
2) SLEEP Button
3) TIMER Button
4) MULTI FUNCTION DISPLAY
5) PRESET CALL Buttons
6) TUNING Controls
8) ONCE Button
9) DAILY Button
10) TIME ADJUST Button
11) DISPLAY DIMMER Button
12) FILE Button
13) NEXT STEP Button
14) FM STEREO/MONO Button
15) MEMORY Button
16) AM/FM BAND Button

The PTR460 is a sophisticated, High Quality, AM/FM Digital Tuner with unique features and outstanding performance. In addition to the fully synthesized PLL Digital Tuning System the PTR460 is controlled by a microprocessor with a memory/file system and a clock/calendar allowing for many programmable functions:

❑ Clock (Hour and Minutes) and Calendar (Date and Month) are displayed in standby mode.
❑ Manual or Automatic Station Presetting. Up to 20 AM and 20 FM Stations can be memorized.
❑ Alphanumeric Display of Broadcasting Station Name with Programmable Memory File .
❑ SLEEP - Programmable Function with Automatic Turn-off in 10 minute steps.
❑ ONCE - Programmable Function with Automatic Turn-on and Turn-off Time Presetting.
❑ DAILY - Programmable Function with Daily Automatic Turn-on and Turn-off Time Presetting.
❑ MOST RECENT - Automatically returns to the last tuned station when turned back on.
❑ PRESETS RECALL - Scans through each memorized station presetting for 5 seconds.
❑ DIMMER - Display Dimmer Function with on-off button.
❑ FM MODE - Manual Selection of Mono or Stereo listening when receiving an FM station.
❑ RACK MOUNTING - Rack Mountable with custom Rack Shelf. Two units of Rack space (3.5").

Digital Display

Multi-Color Function Display Indicators

1) SLEEP Indicator
3) TUNED Station Indicator
4) STEREO Indicator
7) Presetted Station Channel Number
9) MEMORY Indicator
10) ONCE Indicator
11) DAILY Indicator
12) ON/OFF Indicator when presetting
   Once or Daily function
13) TIME/STATION Name indicator
14) Station Frequency/Day-Month/
   Timer Mode Display

AUTHORIZED DISTRIBUTOR

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