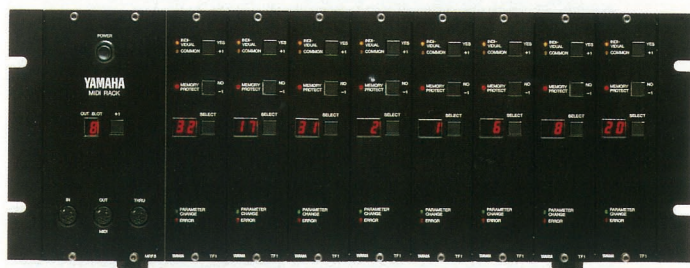


TX816 8-module FM Tone Generator System



This fully professional FM tone generator system has 8 independent TF1 6-operator 32-algorithm digital FM tone generator modules, each with 32 performance memories. The TX816 is an ideal match for the superlative QX1 Digital Sequence Recorder or, combined with a MIDI Master Keyboard such as the KX88 or KX76 it forms the ultimate FM performance system.

SPECIFICATIONS

• **INTERNAL MEMORY:** (32 voices + 32 Functions) × 8 • **AUDIO TERMINALS:** XLR OUTPUT × 8 • **CONTROL TERMINALS:** MIDI COMMON (IN, OUT, THRU) MIDI INDIVIDUAL (IN, THRU) × 8 • **POWER REQUIREMENTS:** U.S. & Canadian models: 120 V 50/60 Hz • General model: 100–120/220–240 V 50/60 Hz • **POWER CONSUMPTION:** 70 W • **STANDARD ACCESSORIES:** MIDI Cable 1.5m × 8 MIDI Cable (5m), 5.25" Voice Data Disk Socket Wrench • **DIMENSIONS (W × H × D):** 480 × 176 × 346 mm (18-7/8 × 6-15/16 × 13-5/8") • **WEIGHT:** 12.0 kg (26.5 lbs.)

TF1 FM Tone Generator Module

Both the TX816 and TX216 use this 6-operator 32-algorithm digital FM tone generator module. Each TF1 has 32 performance memories, combining voice and all performance functions. The TF1 functions exclusively with the TX rack system.

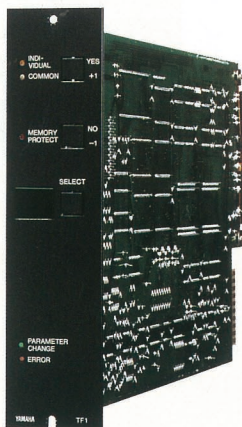
SPECIFICATIONS

MODES and SUB-MODES

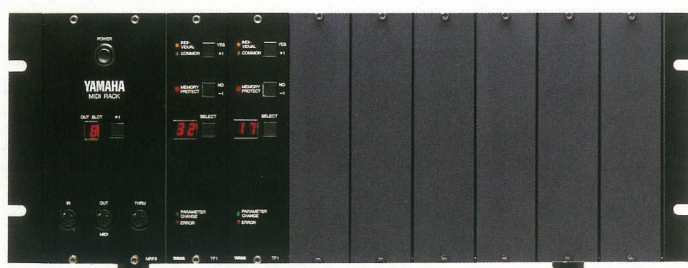
• **PLAY MODE:** Display Program Number • Set Receive Basic Channel • Set Omni On/Off • Tune Master Pitch • **EDIT MODE:** Select Program Number for Edit • Attenuate Output Level • Limit Lowest Key • Limit Highest Key • **STORE MODE:** Select Destination • Store Voice and Function • Store Only Function • **UTILITY MODE:** Dump All Voices and Functions • Clear And Initialize All Functions • Audio Check 440 Hz; -4 dBm • Read Out Current Voltage of Battery

MIDI RACK FRAME

• **TERMINALS:** MIDI IN, MIDI OUT, MIDI THRU (5-pin DIN) • **CONTROLS:** Power ON/OFF • MIDI Out Slot Select • **MASTER CLOCK RATE:** 9.4265 MHz • **DIMENSIONS (W × H × D):** 480 × 176 × 346 mm (18-7/8" × 6-15/16" × 13-5/8") • **WEIGHT:** 600 g (1 lbs.)



TX216 2-Module Expandable FM Tone Generator System



The TX216 is a 2-module version of the 8-module TX816. It features the same rack as the TX816, so by adding TF1 modules, it is possible to expand to a full 8-module system.

SPECIFICATIONS

• **INTERNAL MEMORY:** (32 voices + 32 Functions) × 2 • **AUDIO TERMINALS:** XLR OUTPUT × 2 • **CONTROL TERMINALS:** MIDI COMMON (IN, OUT, THRU) MIDI INDIVIDUAL (IN, THRU) × 2 • **POWER REQUIREMENTS:** U.S. & Canadian models: 120 V 50/60 Hz • General model: 100–120/220–240 V 50/60 Hz • **POWER CONSUMPTION:** 22 W • **STANDARD ACCESSORIES:** MIDI Cable 1.5m × 2, MIDI Cable (5m), Socket Wrench • **DIMENSIONS (W × H × D):** 480 × 176 × 346 mm (18-7/8 × 6-15/16 × 13-5/8") • **WEIGHT:** 10.0 kg (22.0 lbs.)

FB-01 FM Sound Generator



Yamaha's versatile and economical, high-performance 4-operator 8-algorithm tone generator is built into a compact and light weight unit, which features 240 preset voices in ROM, and RAM memory space for up to 96 user-programmed voices. Output is 8-note polyphonic, or groups of notes up to the 8-note limit may be assigned to different MIDI channels for independent control: e.g. 2 channels × 4 notes, 4 channels × 2 notes, etc. Different voices may be assigned to different MIDI channels for added flexibility. The FB-01 is an ideal way to expand the voice power of MIDI synthesizers, music computers or MIDI sequencing systems.

SPECIFICATIONS

• **SOUND GENERATION SYSTEM:** FM Sound Generator (4 operators 8 algorithms) • **POLYPHONY:** Variable between 8 notes to 1 voice (last note priority) and eight voices to 1 note (monophonic) • **INTERNAL MEMORY:** 240 preset voices + Functions in ROM (5 banks × 48 voices) 96 user voices + Functions in RAM (2 banks × 48 voices) 4 preset configurations in ROM, 16 user configurations in RAM • **FRONT PANEL KEYS:** SYSTEM SETUP, INSTRUMENT SELECT, DATA ENTRY, INSTRUMENT ASSIGN, INSTRUMENT FUNCTION, VOICE FUNCTION, VOICE SELECT • **DISPLAY:** LCD, 16 characters (backlit type) • **TERMINALS:** AUDIO OUT L, R (unbalanced phone jack), MIDI IN, OUT, THRU • **POWER CONSUMPTION:** 9W • **POWER REQUIREMENTS:** U.S. & Canadian models: AC 120V, 50/60 Hz General model: AC 220–240V, 50/60 Hz • **DIMENSIONS (W × H × D):** 218 × 48 × 274 mm (8-7/12 × 1-11/12 × 10-5/6") • **WEIGHT:** 2.1 kg (4.6 lbs.) • **STANDARD ACCESSORIES:** MIDI cable, phone jack cable × 2 • **OPTION:** YRM-506 Voicing program RFB-01 Rack for FB-01

RFB-01 (RACK for FB-01)



With the RFB-01 Rack Mount Adaptor, two FB-01's can easily and rapidly be mounted side-by-side in a standard rack mount. The compact FB-01 can thus be efficiently incorporated into an effects rack, for studio or stage use.

* All specifications subject to change without notice.