

tangent model 3216

professional recording console

Super-Fi electronics in an affordable package! Tangent spans the gap from advanced amateur to full professional with an amazingly versatile recording console, the Model 3216.

FEATURES

- **FET Switching** electronically restructures the Input/Output module function blocks. This eliminates repatching for Mixdown or Overdub.
- **16 Output Busses**, plus Direct, for submaster assign.
- **Parametric EQ** (three band) on each channel.
- **Two Echo Busses**, switchable Pre/Post.
- **Two Cue Busses**
- **Balanced Input, Output, and Tape return** through XLR connectors on each Input/Output module.
- **Bi-FET** circuitry used throughout.
- **Full Monitoring Capabilities:** Use all 16 Input/Output channels for recording, and do an independent stereo mix simultaneously!

In addition, the Tangent Model 3216 has these functions: Channel Output Gain, Odd/Even Pan on the submasters, Input Gain Control, Pad, Phase, EQ In/Out, Lo-Cut filter, Overdub, Solo, and Mute on each Input/Output module. Built-in Talkback, Slate, and Alignment/Test Oscillator are also provided.

LED metering arrays are provided for each Input and Output channel, plus the Echo1, Echo 2, Cue 1, and Cue 2 Busses.

OPTIONS

- 24-channel mainframe
- 32-channel mainframe
- Patch bay with 156 patch points

From a half-inch eight-track to a two-inch 16-track, Tangent's Model 3216 gives Super-Fi quality at a moderate price.

SPECIFICATIONS

FREQUENCY RESPONSE	10 Hz-40 KHz ± 1 dB @ 4 dBm
DISTORTION	less than 0.075% @ +18 dBv
NOISE	-127 dBm equivalent input noise, 20 Hz - 20 KHz
INPUT IMPEDANCE	2 K ohm, for low impedance microphones
INPUT OVERLOAD	+4 dBv without pad, minimum gain +24 dBv with pad, minimum gain
PHANTOM POWER	+48 vdc, 3.6 ma maximum
CONSOLE OUTPUTS	+4 dBv nominal +24 dBv maximum
OVERALL SYSTEM GAIN	90 dB
CROSSTALK	Better than 60 dB @ 10 KHz
EQUALIZATION:	
HI	1.3 KHz - 10 KHz, ± 15 dB
MID	250 Hz - 2 KHz, ± 15 dB
LO	50 Hz - 400 Hz, ± 15 dB
DIMENSIONS:	
Length	41"
Width	62 1/2" (16 mainframe) 78 1/2" (24 mainframe) 94 1/2" (32 mainframe)
Height	6" (main console) 12" (meter pod)

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