

# If you can find professional recording equipment that does more for less, buy it.

We want you to compare MCI against any other line of professional recording equipment on the market. Look at performance capabilities. Investigate overall quality, reliability and serviceability. Match them feature by feature, specification by specification, and you'll only find one major difference between MCI and the most expensive equipment you can buy. Price.

For the past 25 years, we have applied one basic principle to designing and building our entire line of professional recording equipment—there's always a better way to do it than the way it's been done before. This philosophy has resulted in more than

our share of major innovations within the industry. Along the way, it has also spurred us to develop the manufacturing expertise we need to give you the best possible products at the most competitive prices available.

Very few manufacturers will ever invite you to compare both craftsmanship and cost before you buy. At MCI, we urge you to do so.



*Geep Harned*

G. C. Harned,  
President

**JH-24 Series Master Tape Recorder:** Total Opamp signal processing (no second order harmonic distortion), servo controlled variable spooling, totally transformerless differential line inputs, outputs and head coupling for lower noise, increased frequency response and dramatically improved common mode rejection, virtually immune to 50-60 Hz and RF interference.

**JH-600 Series Recording/Remixing Consoles:** Available in three frame sizes for up to 18, 36, or 52 inputs and outputs. Totally transformerless microphone/line inputs and outputs. Available non-automated, with VCA grouping, or with fully automated faders. Choice of VU meters or plasma display panels. Plasma display indicates PPM or automated fader position. Special versions for broadcast and mobile use available.

JH-618-18-GO/VU

AutoLocator III

**JH-110B Series Tape**

**Recorder/Reproducers:** Available for mono, stereo and 4-track use in 1/4" and 1/2" formats. Three fixed speeds with separate EQ and bias settings, variable speed, servo controlled variable spooling, servo controlled tape tension, DC capstan servo controlled drive and RTZ-III Tape Counter/Locator (standard on recorders only) with four programmable memories, RTZ function (return to zero), and built-in TVI (tape velocity indicator). Available for 19" rack mounting or with optional variable profile (VP) or high profile (HP) cabinet.

**AutoLocator III:** Microprocessor based tape counter/locator. Provides tape count in minutes and seconds,

tape and locate position readouts, 10 memories, tape shuttle function and built-in TVI reading in IPS and 1/4 semitones.

**JH-652-52-LM Recording/Remixing Console:**

Designed for use with dual multi-track recorders. Includes 52 microphone/line inputs split 26 on either side of centrally located master control section. Selective splitting or joining of mix, effects, foldback outputs and automation functions allows use of console sections independently or as total mixdown unit. Automation and plasma displays standard.

JH-24-24

JH-532D-32-LM

AutoLock  
JH-45

JH-110BC-VP

**JH-110M System:**

Disc mastering reproducers specifically designed for tape to disc transfer. Three speeds, easy azimuth adjustment, front panel EQ trim and adjustable wind speed. Standard RTZ III/M provides 20 programmable memories for lathe control of banding, spiraling, echo and leadout beyond normal RTZ III functions. Available for all disc cutting systems.

JH-110M-2-VP

JH-110C-8-HP

JH-110B-2-VP

**JH-45 AutoLock:** One compact unit with SMPTE/EBU generator, synchronizer and built-in MCI AutoLocator. Features 20 memories and very tight lock ( $\pm 50$  microseconds). Any two MCI recorders can be synchronized directly and any other source of code can be synchronized, using JH-48 Universal Adaptor, for audio/audio, video/audio, and film/audio work. Generator can be synchronized to house code (black burst) with code generation commencing at any point. Built-in AutoLocator offers same features as AutoLocator III (except built-in TVI) and provides memory, storage and retrieval from tape.

**JH-110BC System:** DIN standard stereo broadcast tape recorder/reproducer with 2-speed fully DC servo controlled JH-110B transport for tape speeds of 7.5 and 15 IPS. Accepts reels up to 10 1/2" or pancakes to 1000m. RTZ III standard. Monitor panel allows mono/stereo operation, in/out metering and monitoring via built-in amplifier and speaker or headphones. NAB hubs and DIN platters standard.

**JH-110C-8 System:** 8-track recorder featuring three fixed speeds with separate EQ and bias setting, variable speed, servo controlled torque and capstan control.

JH-652-52-AFILM

AutoLocator III and full function remote standard. Interchangeable head assemblies allow 4-track 1/2" format use. Available for 19" rack mounting or with optional high profile (HP) cabinet.

**JH-500D Series Recording/Remixing**

**Consoles:** The most widely accepted consoles in the industry for all applications. Available in six sizes, 28 to 56 channels. Transformerless microphone and multi-track inputs and outputs, plasma display and four point equalizer with detented controls and separate high pass filter standard. Available with JH-50 Automation for automation of level, mute and grouping functions. The ultimate console, the JH-556D is designed for use with dual multi-track recorders.

JH-636-30-AF/LM

# There's always a better way to do it than the way it's been done before.

Keeping up with the State of the Art is one thing. For more than 25 years, MCI has advanced it. Constant research, experimentation and communication with end users have helped MCI lead the way in development of single unit electronics for eight channel recording systems, tape transports with completely fail safe command entry, an automatic tape positioning and timing device (AutoLocator) with servo controlled approach, consoles with in-line monitoring, plasma display metering for multi-channel consoles, universally accepted automation of consoles, space age use of ceramic capstan motor shafts and a multitude of other ideas. At MCI, status quo just isn't good enough.



Before MCI President Jeep Harned began designing recording equipment, he spent some difficult years repairing machines already in existence. That's when he decided that sophisticated equipment should have built in "fix-ability". All MCI equipment is designed to provide easy access for alignment, maintenance and repair.



When MCI engineers realized it was impossible to find consistent quality in capstan motors, the company decided to build their own. They did it because MCI's strict quality standards can only be maintained when production is carefully controlled--and that includes in-house manufacturing of all major parts and components ranging from motors to cabinets to electronics. Self sufficiency. Because when MCI makes it, it's right.

MCI has carefully employed modern manufacturing techniques in areas where the term "handcrafted" can mean inefficiency, higher costs and greater possibility of human error. The result is even higher quality products at a lower cost to you.



Occasionally the interface between a console and recorder from different manufacturers can cause system problems. MCI's solution to this and similar problems is to build both. MCI is dedicated to serving this industry as a total systems manufacturer. From your vantage point that means professional mixing consoles, tape recorders/reproducers and accessory equipment with built-in compatibility and single source responsibility.



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MCI, INC. reserves the right to make changes at any time, without notice, in prices, materials, specifications and models and also to discontinue models.