

CHARACTER GENERATOR / CAMERA TITLER

MCT3204X



## Technology at your fingertips

The Model MCT 3204 is a Character Generators / Camera Titler employing a microprocessor and large scale integrated circuits for high reliability and fewer components, with all electronics built into the keyboard housing. Applications are info-channels in NTSC television standard for cable companies, hotels and condominiums.

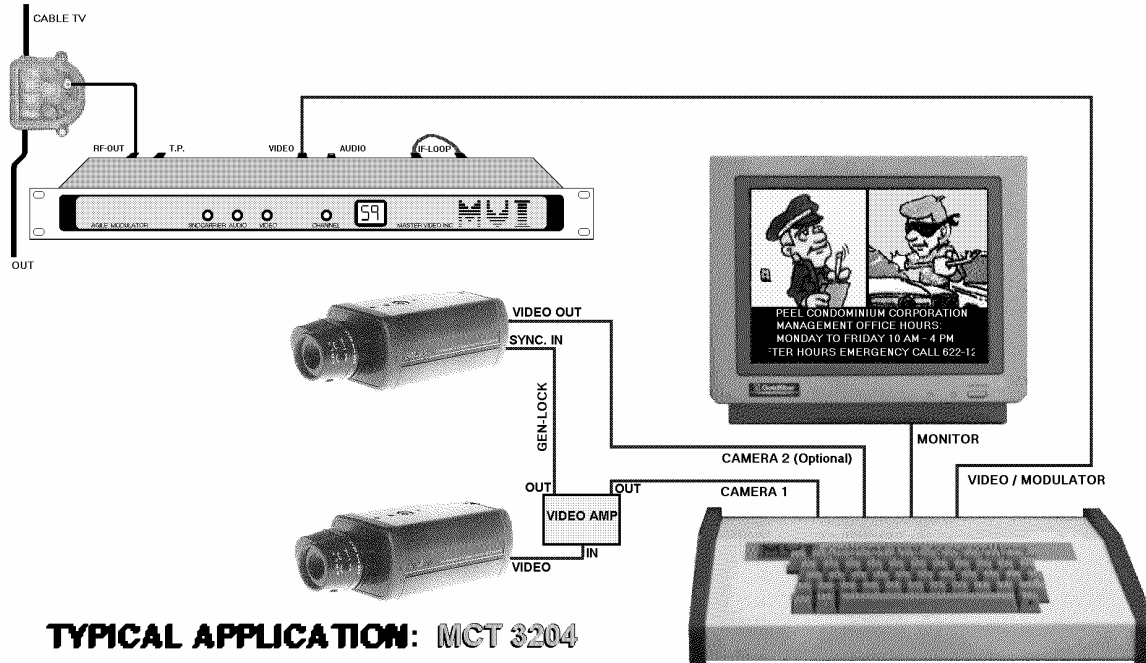
The basic memory of 47 pages has a Ni-Cad battery as memory protection in case of power failure. Three different display modes are selectable, full screen display and half screen display with one or two camera / video inputs.

The full screen displays 13 lines of 21 characters each per line in the large font mode and 17 lines of 32 characters each in the standard font mode. The bottom line is a smooth crawl line highlighted by split screen color.

In half screen mode, pages can be randomly programmed into two to three lines of scroll. Also in this mode is the bottom line a smooth crawl line separated by split screen color. The character set includes upper and lower case, French, Spanish and special characters. Easy editing features include a help page, which the operator can access any time during updates.

Other features besides full cursor control are insert and delete functions and automatic line centering. The random display of pages may be called up in any order, up to 96 events. One random page may be selected for the crawl line. For each selected page an individual display time is chosen.

Optional RS-232 interface allows updates via modem or serial port via Win9x, ME, Nt4, 2K, XP computer.



**TYPICAL APPLICATION: MCT 3204**

## SPECIFICATIONS

CHARACTER SET/ KEYBOARD	two fonts, 7 X 9 element in 8 x 12 and 10 X 12 element in 12 X 16 dot matrix; upper and lower case; french, spanish and special characters; querty keyboard
CHARACTERS PER LINE	21 and 32 selectable
LINES PER PAGE	13/17 lines display full screen, 3/4 lines half screen (2/3 scroll), 12/16 lines editing
CRAWL LINE	bottom line crawl line split colour selectable
SYSTEM TIMING	crystal controlled
ACTIVE DISPLAY	41 nsec. x 12.2 msec.
PAGE CYCLE	individually, 1 - 99 seconds
PAGE EVENT / SEQUENCE	random programmable; 96 events
VIDEO OUTPUT	1 V p.p., 75 Ohm, neg. sync., interlace, programmable, NTSC compatible
MONITOR OUTPUT	continuous video, off line editing
VIDEO OUTPUT CONNECTOR	F
EXT.B+W OR COLOUR VIDEO INPUT	one camera full display horizontal, two cameras split screen display horizontal
CURSOR	underline, line, block, see-thru
CONTROL FUNCTIONS	backspace, forward space, line feed, reverse line feed, home, return to start of next line, clear page, clear line, advance page, back page, caps lock, keyboard lock
SPECIAL FUNCTIONS	automatic character repeat and editing line
COLOR	blue / red / green / cyan split screen
MEMORY	47 pages, power failure protected with ni-cad battery
POWER	117 Volts, 8 Watts, (220 Volts export model)
CABINET	15" x 10" x 3.5"
RS-232	optional with 56K external modem, software supplied
EDITING MONITOR	optional



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