MA scancommander

… a trend setter becomes standard

As early as in the late eighties, automated fixtures (moving lights) already had their established place in sophisticated shows and tours. Today, whole product families for mid-sized applications are indicators of the dynamics, emanating from this fascinating technique.

The initial approach to control automated fixtures by using generic lighting controllers soon revealed their limitations. The complexity of intelligent lighting required an entirely new user logic.

Here, the MA Scancommander has set new criteria. You will find its fundamental user philosophy of combining convenient programming with maximum flexibility when working with any number of current moving light controllers. But even today – years after its debut in 1992 – the Scancommander still features the most persuasive solutions to meet the demand of controlling intelligent lights.

This new way of working has also influenced our language. Anybody looking for scanner controls will be confronted by numerous new technical terms:

– preset focus
– LTP channels
– stage initialization, etc.

It is important for us, as a manufacturer, to bring these terms to life.

MA SCANCOMMANDER

Capacity:

- Up to 480 channels via DMX 512
- 16 multifunctional fixtures with up to 24 functions each
- Control of 32, 48 or more fixtures with SC-extension units
- 302 labelled pre-sets for all functions
- 104 selective memories and 26 chases controlled by push buttons
- 16 sequences with up to 99 steps and freely programmable times
- 96 extra channels for additional dimmers or colour changers

Ergonomics:

- 40 memory and chaser buttons, partially controlled by 4 pages buttons
- 16 sequence buttons
- 5 freely programmable macro buttons
- 3 X-fader and speed fader for sequence
- Single and group buttons for unit selection
- 8 brightness fader with flash button
- Backlit LCD graphic display with soft-keys and encoder
- Split encoders for coarse and fine adjustment
- Sound input and key switch
- 256 Kbytes cue card for backup of files
- Transfers of files to PC via cue-card-reader (accessories) possible

Common Features:

- Set-up for different lamp types stored internally (free update service)
- Continuous access on single scans or groups
- Selective programming for free combination of memories and effects
- X-fades automatically, timed or manually
- Trigger point for switching effects selectable
- Sequence step trigger by GO-button, sound input or timer
- Single steps with individual wait-, fade-time and trigger point can be combined to form multipart steps

Features of Movement Control:

- 16 Pan/Tilt controls (8 or 16 Bit)
- Control of movement by encoder, trackball or mouse

- 44 pre-set positions to be recalled directly via buttons or b memories
- Positions adaptable to new stage set-up by simple initializa
- Free change between stage orientated calculation and DMX movement

Electronic Data:

- One Motorola 68020 and one 68008 CPU with coprocessor
- Self-contained operating system (reset time less than 1 Se
- 40Hz DMX update rate with 512 channels
- Perfect protection against radio interference (CE-norm)

Synchronization:

- Analogue and DMX 512 input assign able to any playback function
- Sound-to-light effect and remote Go for triggering sequenc
- MIDI in, out, thru
- Master slave mode with second unit or SC extension units
- SMPTE synchronization

Inputs and Outputs:

- Periphery: keyboard, Atari compatible mouse or trackball
- Inputs: sound, remote GO, SMPTE, analogue (+10 V), DM 512, MIDI
- Output: DMX 512, MIDI (master slave and synchronization

Weights and Dimensions:

Scancommander:

- Rack mounting steel housing, 11 units height
- 19" width, 19.25" height, 5.5" depth (483 x 488 x 140 mm
- Weight 25 LB (11 kg)

SC Extension:

- 19" unit, 3U height
- Weight 8 LB (4 kg)

SC Tour pack:

- 25" width, 25" height, 11" depth (760 x 600 x 270 mm)
- Weight 73 LB (33 kg)

Single Components

19" built in unit or mobile tour pack, by its broad variety of accessories the MA Scancommander will be ready for any kind of application.

MA Scancommander Tour pack
Includes 19" unit with wooden side profiles, keyboard, drawer, trackball, desk lamp, memory card (256 Kbytes), dust cover and flightcase.
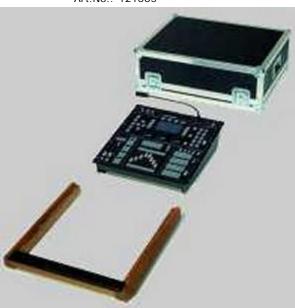Art.Nr.: 120102

MA Scancommander Extension
Add-On unit to control more than 16 scans and playback unit for synchronized shows.
Art.Nr.: 120103

Flight case for Scancommander
(available only for desk version with side profiles)
Art.No.: 121005

Ma scancommander 19"
rack mount unit incl. desk lamp
Art.No.: 120101

Wooden side profiles with arm rest
Art.No.: 120505

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Drawer kit for mini keyboard
Art.No.: 120506

Mini keyboard
Art.No.: 120504

Trackball (Atari compatible)
Art.No.: 120502

Memory card (256 Kbytes)
for external storage of programmes
Art.No.: 120501

Dust cover (no picture)
Art.No.: 129926

Memory Card Reader/Writer
MA Scancommander and all MA Lightcommander,
but Pulsar or Celco desks as well use Memory
Cards for the backup of programmes. The MA Card
Reader/Writer enables to transfer the data to a PC
or Laptop via serial interface and save them on
disk. He accepts all cards with format ITT-Cannon
Star cards and Fujisoku 38 Pin SRAM Cards.
– Interface via 25-pin Sub-D cable / 9-pin
– 110 x 65 x 200mm, 1 kg
Art.No.: 120702