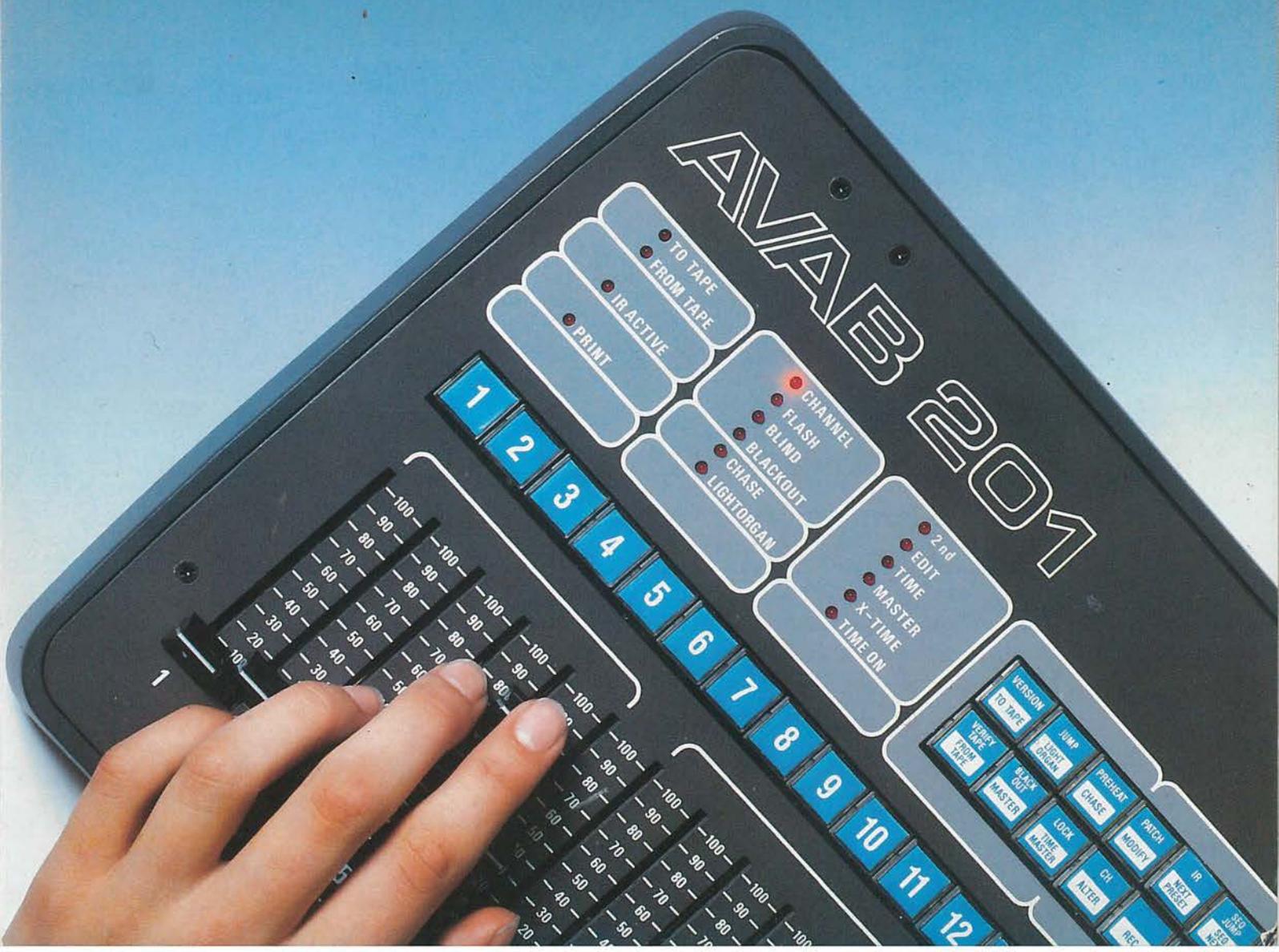


AVAB 201

The AVAB 201 has started a price and power revolution. We are proud to introduce this extremely powerful microcomputer-controlled lightboard at a price which is below that of many manual systems. Many of the 201's control features are a direct outgrowth of our research for VIKING, the most sophisticated control system on the market today for large theatres and TV studios. The continual dialog with end-users guarantees that AVAB's products are both practical and very versatile. The 201 is simple to understand and easy to use.

CCT theatre lighting

- 24 or 12 control channels
- Up to 250 dimmer channels with electronic patching
- Internal memory for 100 presets
- Sequence of up to 200 presets
- 26 or 14 working fields depending on version
- Fade times and automatic times
- Possibility to record times in all fields
- Built-in chase and lightorgan
- Infrared remote control option
- Remote triggering of fades from switch or taperecorder
- Memory storage on data tape recorder
- Connector for printer
- Control of both analog and digital dimmers
- Possibility to connect standard color TV or RGB monitor



Lighting control for everybody...

BANDS AND CLUBS

With a 12-channel 201 you can set up 12 different presets, one per fader. Whenever you wish you can activate and mix these presets together. You can run through the sequence using either the crossfader or a foot pedal. The 201's ability to activate chase light or light organ effects as part of the main sequence means that you can have your entire lighting program stored and ready to go. All you have to do is call up the desired spot in the sequence and then step forward from there with the foot pedal.

AUDITORIA, AUDIO-VISUAL PRESENTATIONS

With AVAB's IR remote controller the speaker at a conference can activate his own lighting changes. A technician can take care of the lighting with one hand, while running the sound mixer and projectors with the other. The speaker can also choose to execute lighting changes using a remote trigger button. The producer of an audio-visual presentation can synchronize the lighting program to other portions of the show using sound pulses from a tape recorder. This very versatility makes the 201 perfect also for exhibition halls.

VIDEO AND TV BROADCASTING STUDIOS

Production time is always short. With the 201 you can set up lighting groups which you know are going to be used in different combinations. Your spotlights are set up and you have dozens of preprogrammed groups which you can access in seconds. With up to 24 presets at your fingertips you are ready for any live broadcast or recording session. Recommended accessories are the color TV monitor and the IR remote controller.

SCHOOLS AND MEETING HALLS

The 201 in its simplest form is unbeatable for these applications. You draw up a fader and a spotlight is switched on. Straight-forward enough. The next step is to call up prerecorded combinations of spotlights on different faders. Fader 1, for instance, activates the podium lighting, fader 2, the chorus lighting and so on. These situations are easy to set up, even for those who rent your 201. If you have to produce more adventurous lighting effects, the possibilities are already there.

THEATRES

Professional groups place the greatest demand on lighting equipment. The 201 is based upon AVAB's 10 years of experience in designing computer-controlled lightboards. It is the most modern control board on the market today. You can use multiple presets to fade several presets in or out simultaneously. This feature, along with programmable fade time, automatic time and special effects makes the 201 an extremely powerful tool. Read the 201's instruction manual for more details.

One of six TV pages

V30 Assign	Channel								XF:31%
24									GM: F%
Master	1	2	3	4	5	6	7	8	
Preset	95	89			1	2	3		
Time					10	15	20		
Fader	F	31							
Master	9	10	11	12	13	14	15	16	
Preset									
Time									
Fader									
Master	17	18	19	20	21	22	23	24	
Preset							C 1	L10	
Time									
Fader									
Prs Time	Field X1 Level								
45 20	1	2	3	4	5	6	7	8	
46 1	>56	>49			>95				
49 3	9	10	11	12	13	14	15	16	
2	> F	> F	> F	> F					
50 2	17	18	19	20	21	22	23	24	
AVAB # 1				> F					



Unsurpassed...

CAPACITY:

The 201 has either 24 or 12 faders which function either as channel or master faders. You have a total of 27 or 15 working fields where you can build and store 100 presets and arrange them in a sequence up to 200 positions long. You can assign to each field its own fade time. Each crossfade has its own specific time and can even be activated automatically. 24 presets (multiple presets) can be activated from the sequence with individual fade times. You can even use special effects as multiple presets. AVAB 201 can be remote controlled from hand-held IR controller, external pushbuttons, foot pedals or pulses recorded on tape.

EASY TO USE:

The 201 combines the simple logic of manual lightboards with the superior speed and flexibility of microcomputers. A fader can control a single channel at one moment and an entire preset the next. You can even mix the contents of several faders to create entirely new presets. To correct the level of a single channel is as easy as pressing a button. AVAB 201 is an extremely easy-to-use lightboard.

COLOR TV:

The 201 has integral displays to give you the information you need. As an option you can connect a standard color TV for even more information. AVAB has put a great deal of emphasis on making the TV displays clear and easy-to-understand. You have six different pages, each with 24 40-character lines and with its own specific information.

SPECIAL EFFECTS:

With the 201 you need no extra special effects devices, because we have built them into the lightboard itself. You can program 10 different chase light effects and 10 different light organ effects. Connect your Freestyle to 201 and let it control the light organ effects.

DIMMERS:

The 201 controls digital dimmers directly. It can also control most analog dimmers on the market today using multiplex boxes with swichable control voltages and an assortment of connectors.

LONG-TERM MEMORY:

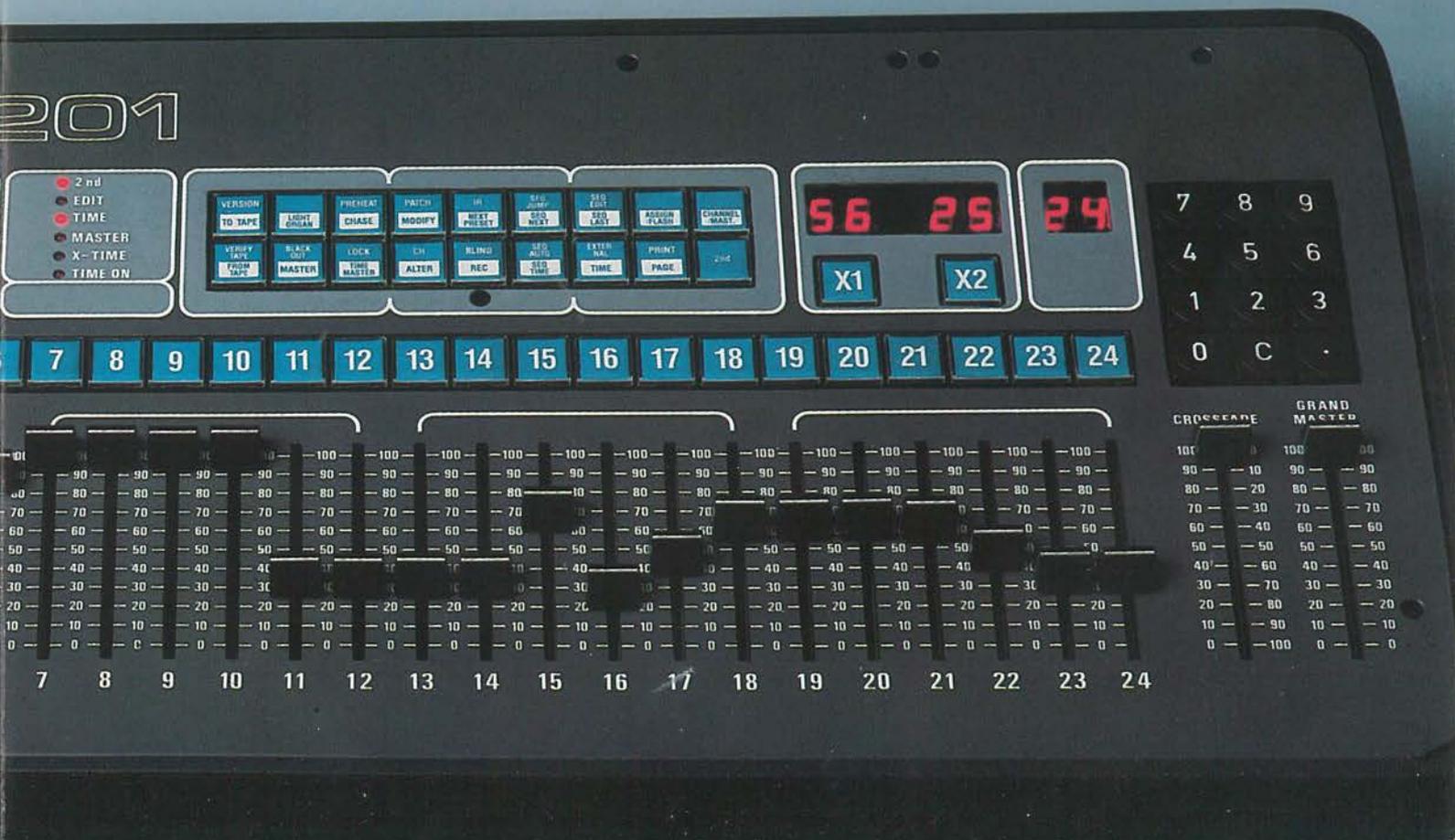
You can use any standard cassette tape recorder as an external memory for the 201. The low cost of musicassettes means that you can build up a personal library of programs.

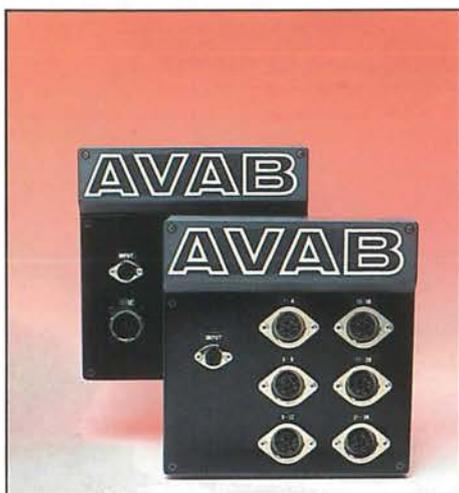
IR REMOTE CONTROL:

You can use AVAB's standard infrared remote control option with the 201 to access many of the lightboard's functions from anywhere in the house.

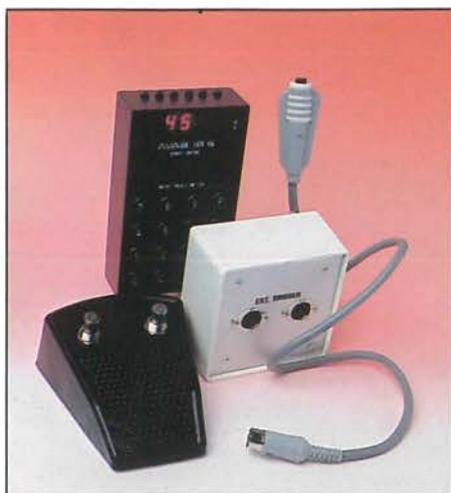
PRINTER:

By connecting a printer to the 201 you can produce print-outs of your lighting programs for you archives.

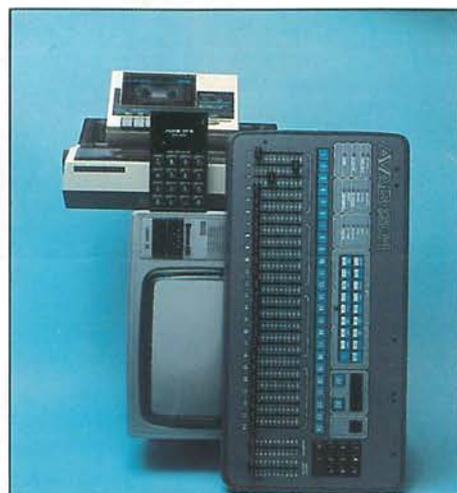




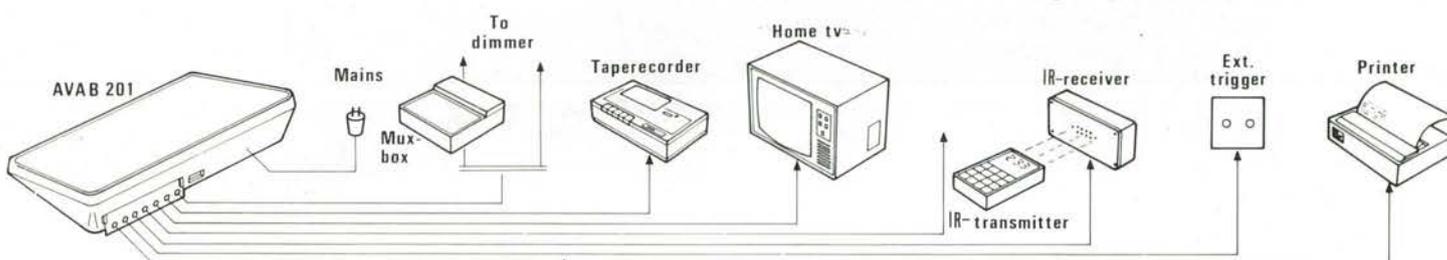
Multiplex boxes



Remote control equipment



AVAB 201 with peripherals



MECHANICAL DATA:

Dimensions and weight:
 Length: 505 mm (20 inches)
 Depth: 252 mm (10 inches)
 Height: 92 mm (4 inches)
 Weight: About 4.5 kg (10 lbs)

ELECTRICAL DATA:

100 V (100-120 V) 50/60Hz, 40 VA or
 120 V (115-135 V) 50/60Hz, 40 VA or
 220 V (205-245 V) 50/60Hz, 40 VA or
 240 V (225-275 V) 50/60Hz, 40 VA
Externally switchable

ELECTRONIC DATA:

Resolution:
 Recorded values: 8 bits
 Crossfade: 14 bits
 Output: 8 bits

Computer:
 Programming language: C
 Information memory: 8 Kbytes, battery back-up for two weeks
 Program memory: 24 Kbytes

Video output:
 312 lines 50 Hz, 75 Ω
 Color PAL-coded
 Color RGB sync 14 MHz

Output to tape:
 1200 Baud, serial

Light organ input:
 Impedance: 100 Ω
 Input level for full excursion: 30 mV

Printer output:
 1200 Baud, serial

Control signal output:
 153.6 KBaud, serial
 Voltage for multiplex outputs: ±16V, 100 mA



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