

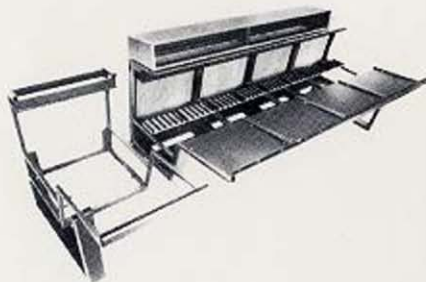


**Olive
Series 2000
Console**

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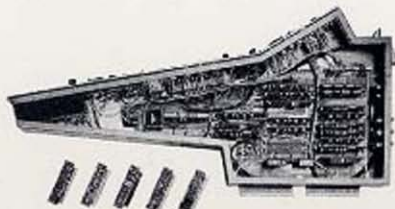
Modular Construction

The purchase of a console facility such as the Series 2000 is a major decision. Primary consideration is, of course, given to your present requirements but, just as important, are your needs of the future. It may not be completely possible to predict these needs, however, the Series 2000 is sufficiently flexible in design and construction to meet varied requirements.



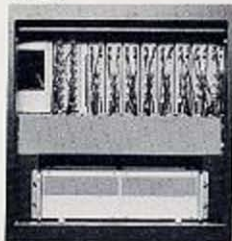
First, basic 24-inch skeleton frameworks are combined to form the desired console length and configuration. Each frame accepts up to 12 input modules.

An input module is shown with its side panel removed exposing the motherboard which accepts the plug in "mini" cards.



This demonstrates the total plug in or modular concept of the entire console — mini cards to input modules, modules to frames and frames to other frames.

Here a picture shows the rear view of a typical frame with its back panel removed. Power supplies and monitor amplifiers can be easily located in the rack mounting space provided. Cannon connectors for inputs and outputs enable easy access and installation. Cabling is held in the wiring trough.



Within every frame there is a bus board which links all that frame's modules into a system; in turn, as frames are added, these bus boards are linked. On the bus board, individual circuits are function-dedicated so that any type of module can be located anywhere in the console. This eliminates complex system wiring and makes the addition of frames — and modules — a simple plug-in installation.

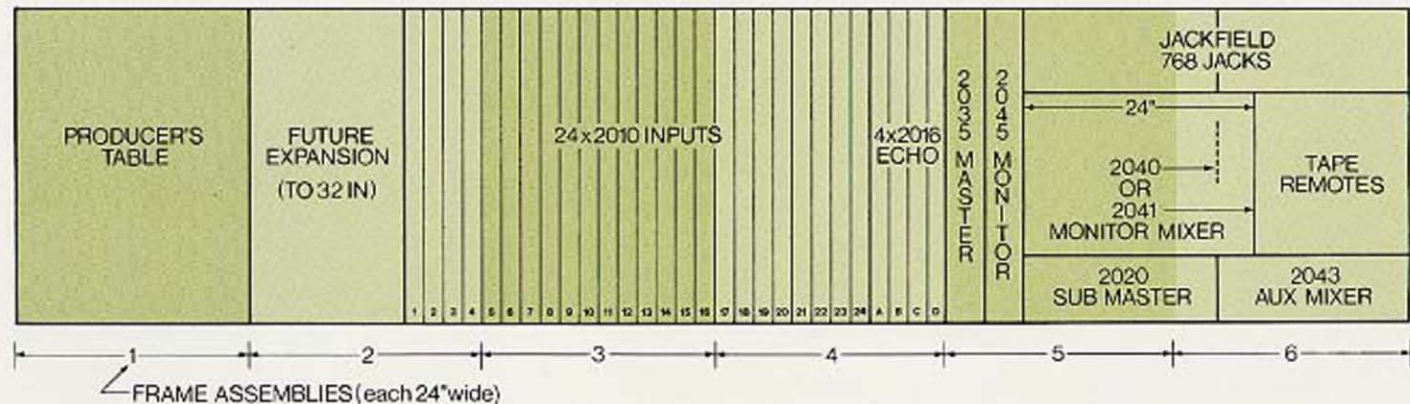


Skeleton frameworks are covered with finishing panels in your choice of real or imitation wood veneer. Custom finishes are easily accommodated.

The modular aspect of the system permits rapid initial assembly and installation, effortless future expansion with current or newly designed modules, and easy maintenance.

Start big and update as new recording concepts are developed or start small and grow with your needs. Either way, the Series 2000 console will meet your requirements — that's the way it was designed.

Typical Console Layout



Typical layout for a 24 Input/4 Echo/16 Output console with 24 channel monitor system. Built-in expansion capacity permits easy growth to 32 inputs by just plugging in additional 2010 modules.

To meet a variety of individual requirements, the Olive Series 2000 console may be as simple or as extensive as desired. For example, the console pictured on the front cover is a 20 Input/16 Output unit with a 16 input monitor mixer. The built-in capacity for expansion — provided in every Olive console — permits growth up to 32 inputs, and a second 2040 mixer may be added to provide a total of 32 monitor inputs.

Included are a 16-channel sequential display, digital clock and other accessories.

Visible to the right of the operator is a custom remote panel with remote control for eight tape machines, four reverb units, eight Dolby systems, digital clock controls and a cue light button.

The console pictured on the inside front cover features 12 Inputs and 8 Outputs, VU meters and simplified monitoring facilities. Like all Olive consoles, this one can be expanded to any quantity of inputs and 16 outputs.

In fact, we have no standard configurations in the Series 2000. Every complement is formulated after consultation between our engineers and the customer. In this manner, the console precisely reflects the needs of the studio and its staff. This approach to your specific requirements is facilitated by Olive's modular construction methods which — by the same token — permit changes to the console to be made at any time.

In other words, you get a "custom" console at "stock" prices and delivery time.

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A new-wave console for the super studio

Olive Electro Dynamics Inc presents the Series 2000 console: the console designed to meet the needs of today's major studios.

It's a modular, multi-track recording and remix center incorporating the most advanced state-of-the-art techniques — but most important, its design is based on the recommendations and preferences of recording and audio engineers, musicians, studio owners and producers throughout North America and Europe.

After all, the people who use consoles know what they want better than anyone else. They know important little features are as vital as the main ones. So we drew from the

best ideas in our interviews with production people and combined them with our own electronic developments.

Thus we created the Series 2000, a console to satisfy the most exacting user. Its human engineering and imaginative concepts are second to none. In fact, by its very design, the Series 2000 is the industry's choice.

To begin at the beginning

Assume that you need a major console, and that you're shopping around: For starters, although the Series 2000 offers more than you would expect to find in a large custom console, its price is competitive. And you order only what you need for the moment. It's modular, so you may choose as many or as few inputs as you now require.

When you're ready to expand, so is your console. With painless ease — even if your expansion plans include computerized operating modes.

Automation

Olive offers the unique Automated Remix Programmer to reduce the physical complexity of a multi-track mix down. Using this "memory module" the creative producer can quickly discover new horizons and, at the same time, reduce the studio time required to complete a final mix.

In operation, each channel fader on the Series 2000 console generates a DC control signal which can be monitored by the memory module and stored (usually on a spare track of the master tape) for future reference. The stored DC signals represent every movement of the faders during a mix.

During a remix, the console may be operated in the automatic mode — faithfully reproducing the initial mix, or, at any instant, the producer can override one or more faders and modify the original mix. Refinements are immediately monitored and stored on the original tape, updating all previous remix information.

Up to 64 separate functions may be monitored and controlled by the Automated Remix Programmer, providing the console operator with every opportunity to produce a wealth of expression in every recording.

Uncompromised craftsmanship

All Series 2000 modules are crafted to provide the most logical and efficient communication between man and machine. And quality is unmatched. The hardware, as an example, is simply the best available. Every single push button, switch and fader has been specifically chosen for its quality, durability and human engineering.

Reliability is ensured by using duplicate "back up" circuits and power supplies and by eliminating mechanical contacts in audio routing switches and replacing them with more reliable solid-state methods. Even the pilot lamps employ solid-state devices to eliminate heat generation and burn out.

Signal quality is preserved by using state-of-the-art circuitry techniques and by minimizing the audio path.

Complex functions, such as the equalizer and compressor/limiter, are processed as elements of feedback loops while external functions, such as submasters, are processed as DC signals thus maintaining a simple and direct audio path.

All circuitry is active and electronically coupled. A single transformer is used in the console — on the microphone input. All circuitry beyond this point is transformerless with all function inputs and outputs actively balanced. This further preserves audio quality and ensures accurate square wave and transient response.

And while you're using your console, we'll be designing new modules which you can add (at anytime), so that your Series 2000 system will continually remain up-to-date and in tune with state-of-the-art advances.

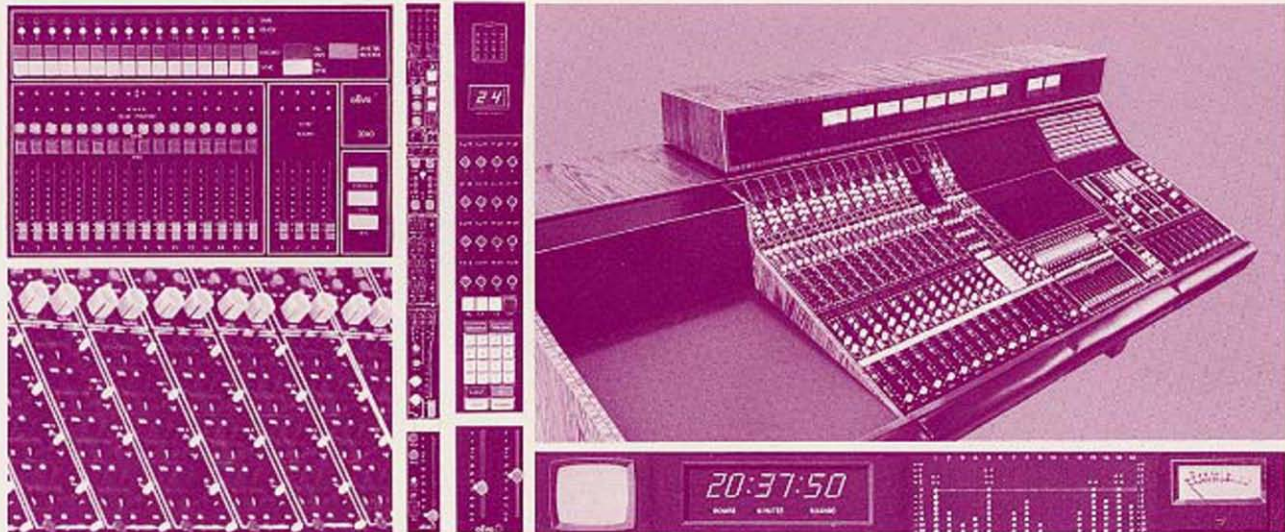
A console is a console but a great console is an Olive

At Olive Electro Dynamics Inc we do things rather distinctively. We're out to set new standards of excellence, so whether we manufacture a Series 2000 console or just a small component, we do it with pride and care. We won't just ship and presume all is well.

... in other words, we're talking service. Good service and follow through are a big part of the Olive concept. We wouldn't be in business without them.

And whether you want to order a console or simply ask questions, we'd be delighted to talk.

Anytime.



Olive Electro Dynamics Inc is a carefully selected group of highly specialized personnel whose one aim is to provide you with professional audio equipment of the first excellence.

The Olive spirit is a fresh one, energetic and creative, with a solid background in engineering, broadcasting and recording. The combination is reassuring; accomplished profes-

sionals thinking new thoughts, designing new means to advance the state-of-the-art.

In addition to the top-of-the-line Series 2000, Olive also offers the compact Series 2500. It includes major components, such as the four-section equalizer and the monitor-mixer from the Series 2000, but eliminates certain features to provide a more economical package.

Options vary from automation to compressor/limiter and keyable audio gates.

The Series 2500 will meet varied installation requirements; permanent, portable, convertible (studio/portable) or remote.

Certain features, such as the equalizer and compressor/limiter, are also

available in individual packages. These modules comprise our 2100 Series.

In the series — 2000, 2100, and 2500, Olive staff can serve the full spectrum of your audio requirements. You are assured of prompt and imaginative reactions to your enquiries, and unequalled satisfaction from products and service.

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WHENEVER THERE IS A NEED

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