MIXING CONSOLES

YAMAHA PM10 RIVAGE CONTROL SURFACE (CS-R10)



The Yamaha RIVAGE PM10 is a flagship digital mixing system that delivers superior sound quality, advanced processing, and an intuitive user interface. At the core of its exceptional audio performance is the Hybrid Microphone Preamplifier, which combines specially designed analogue circuitry with Yamaha’s Virtual Circuitry Modelling (VCM) technology. This integration faithfully reproduces the characteristics of Rupert Neve Designs’ transformer circuitry and SILK processing. Users can choose between "RED" for a vibrant and energetic sound or "BLUE" for a more solid and powerful tone, with a continuously adjustable "TEXTURE" knob for precise harmonic control.

The system features highly refined channel equalization and dynamics processing. Input channels include a 4-band full parametric EQ, while output channels are equipped with an 8-band EQ. Additionally, four different EQ algorithm types allow engineers to tailor the tonal characteristics to their needs. The PM10 also includes advanced dynamics processing to ensure optimal sound shaping and control in live and studio environments.

Designed for intuitive operation, the PM10 employs Yamaha’s industry-standard Selected Channel concept. This approach provides direct access to the parameters of any selected channel via a dedicated SEL key, allowing for efficient and fast mixing. The user interface is further enhanced by a well-organized control surface that groups information logically, ensuring a smooth workflow for engineers.

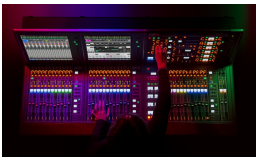
Audinate Dante network compatibility, a standard feature in many other Yamaha consoles and pro audio products, is also available. The Rio3224-D2 and Rio1608-D2 I/O Racks and the HY144-D audio interface card are Dante ready and can be combined to provide natural sound input with any RIVAGE PM series system. Either network solution is capable of capturing the sound being created on stage without coloration and with every nuance intact, allowing the engineer to use the creative capabilities of the RIVAGE PM series to reach the audience with maximum impact.

The overall design of the PM10 prioritizes user experience, with a panel layout that visually and functionally

organizes controls for easy operation. The graphic interface is structured to clearly express the relationship between different groups of controls, further simplifying the workflow.

With its combination of pristine audio quality, powerful processing, and intuitive operation, the Yamaha RIVAGE PM10 stands out as a premier choice for live sound engineers working in concert halls, theatres, broadcast environments, and large-scale touring productions.







Features:

• Input Channels: Up to 288 mixing channels when using the DSP-RX-EX engine; 120 channels with the DSP-RX engine.
• Mix Buses: Up to 72 mix buses with the DSP-RX-EX engine; 48 buses with the DSP-RX engine.
• Matrix Channels: Up to 36 matrix channels with the DSP-RX-EX engine; 24 channels with the DSP-RX engine.
• Networking: Supports up to 144 input and 144 output channels per HY144-D card via Dante.
• Local I/O: 8 analogue inputs with SILK processing, 8 analogue outputs, 8 AES/EBU digital inputs, and 8 AES/EBU digital outputs.
• Expansion Slots: 4 HY card slots and 2 MY card slots for flexible system expansion.
• User Interface: Features dual 15-inch touch panels and 38 faders for intuitive control.
• Processing Capabilities: Offers up to 512 plugin slots and 48 GEQ racks with the DSP-RX-EX engine.

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