

# CONSOLE HISTORY

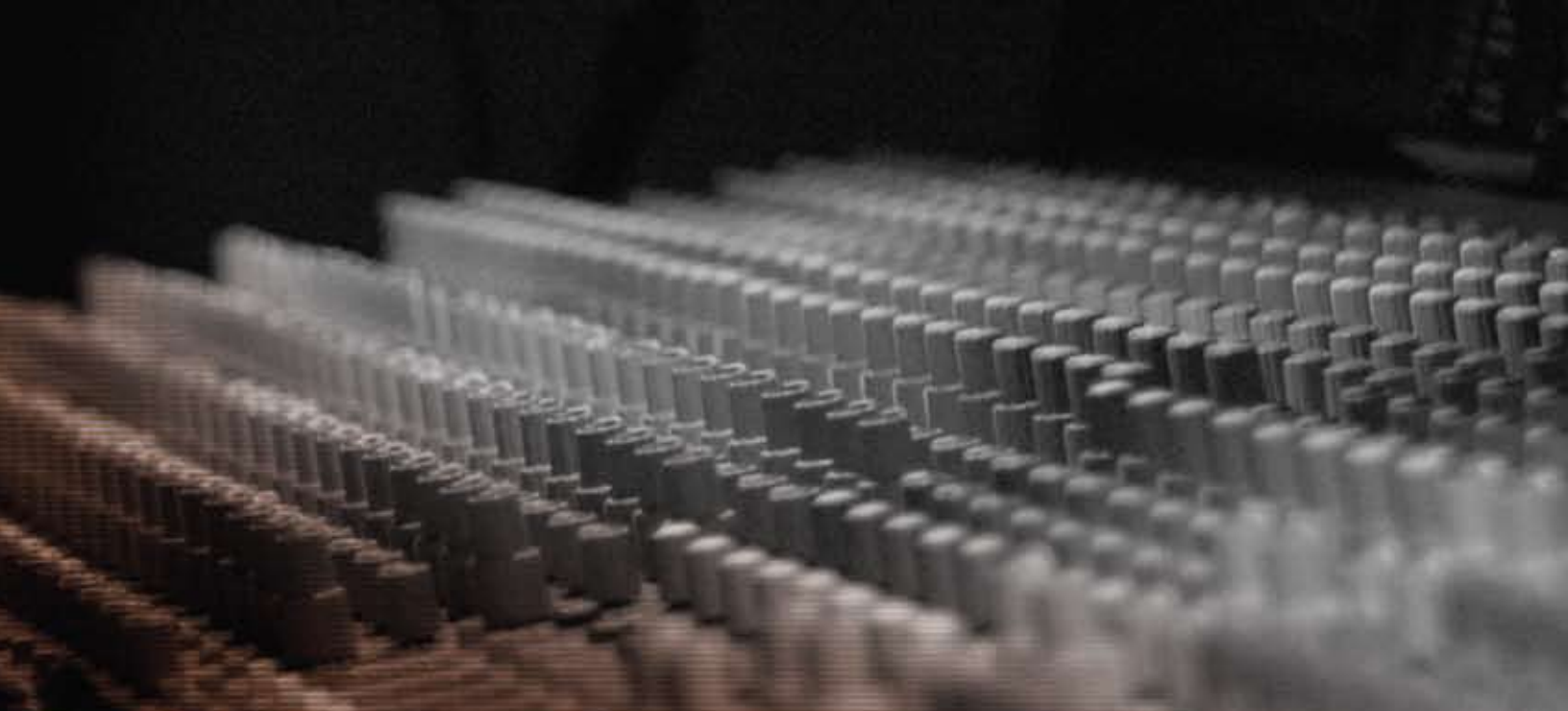
## THE PROFESSIONAL STANDARD



Crest Audio consoles are famous for their superior sonic performance, musical EQ and robust summing amplifiers. Long a standard for professional touring work, Crest Audio consoles have been the choice of premier mix engineers throughout the world for over 20 years. Crest Audio consoles have their roots with

legendary designer Jim Gamble, who was known as a no-compromise audio designer, producing custom analog modules for a variety of audio applications. Gamble's microphone preamplifiers were famous for their pristine, high-bandwidth performance while his summing busses ensured that the high levels of world-class touring acts had

plenty of headroom. In 1989, Crest Audio became the exclusive manufacturer of Gamble consoles, with an initial offering of the famed Gamble EX Series. As the roots of this great console evolved, Crest Audio engineers refined the time-tested circuits of the Gamble design, cumulating with the release of the Century Series, which



allowed Crest Audio to move from a relatively small, boutique console builder to the mainstream touring regional sound markets. The Century Series found its place in the growing large-format touring market, becoming a standard that still stands today. The V-12, a powerful blend of the Crest Audio sonic performance and the lat-

est manufacturing techniques, arrived in 1998, giving touring companies a console that stood up to the rigors of road work with a rock-solid chassis and improved electronics assemblies. Subsequent releases expanded the Crest Audio console line and included the popular X-Series, which for the first time brought Crest Audio console

performance to smaller, fixed installations. Today, the HP, X-Series, and the new CV-20 series consoles combine the legacy of Crest Audio performance with state-of-the-art manufacturing and new features in a cost-effective package. That's why Crest Audio continues to be one of the world's most popular console builders.

## The New Generation of VCA-Controlled Live Performance Consoles



### **CV™ 20 CONSOLE**

The new CV 20 is a true VCA console, providing flexible operation for a wide variety of live-sound and fixed-installation applications. Configurable as a front-of-house or monitor console, the CV 20 includes a unique blend of powerful features, including three primary (LCR) busses, eight subgroups and twelve auxiliary busses. An expandable matrix and a generous array of additional outputs make the CV 20 one of the most versatile consoles available. With large-format features in a medium modular format—up to 56 mono and 8 stereo inputs—the CV 20 brings Crest Audio sonic performance to new markets. Intuitive control layout allows simple, immediate access to key functions while configurable fader modes provide even more operational flexibility. High-quality dynamics processing is provided for all output groups, and like all Crest Audio consoles, sonic performance is second to none. An integral scene/mute controller coupled with full talkback, solo and cue functionality provide efficient operations. Support for redundant power supplies and a versatile expansion interface make the CV 20 a wise investment for any application.



# CV™ 20 VCA CONSOLE

32, 40, 48, 56, OR 64 INPUT CHANNEL COMBINATIONS INCLUDING 8 STEREO CHANNELS IN EACH FRAME SIZE AND A METER BRIDGE OPTION

- Eight subgroups
- VCA masters
- Semi-modular inputs in blocks of eight
- Inserts on all mono and main outputs
- Optional Meter Bridge to monitor outputs in VU
- LED bar-graph metering on all inputs and outputs
- True LCR panning from mono inputs and subgroups
- Optional Bus Link modules that link two consoles
- Optional digital audio transport modules
- 24, 32, 40, 48 and 56 mono + 8 stereo frame sizes
- Flexible design allowing FOH, Monitors or Monitors from FOH applications
- Fader reverse function allows fader and VCA control on aux outputs
- 12 auxes with flexible configurations (1-4 mono, 5-10 switchable between mono and stereo, 11 & 12 stereo with pre and post switching in the same configuration)
- Full dynamics on all main outputs (L/R/M and subgroups) that are routable to the aux masters
- 16 mute groups, 136 mute scenes and MIDI mute scene control
- USB Link for saving settings via jump drive
- Direct outs on all inputs (switchable between pre and post fader from the top of the surface)



## Meter Bridge

An optional meter bridge is also provided for all CV™ frame sizes for analog monitoring (in VU) of all outputs. A total of 17 meters are provided on a meter bridge that is segmented into two sets. The first 12 meters can meter both subgroups and matrix outputs or by all 12 auxes engaging the aux switch. The second set of five meters are fixed to monitor the Left, Right, Mono/Center and Solo Left and Right busses.

## Power Supplies

Two internal, field-replaceable, power-factor corrected, universal power supplies come standard with all CV packages. A DC connector also comes stock with CV units for an external PSU option.



## Bus Link Module

Two CV 20 frames can be linked with the optional bus link module. By using DSUB 37 connectors, the busses from two consoles can be linked. Busses include: main busses (L/R/M), subgroups, auxes.



## MIDI Controllers

The scene controller allows easy editing for mute and VCA assignment automation via a soft mute assignment, providing eight manual mute groups or scenes and 128 sequenced mute scenes that can be controlled locally via MIDI. Programs from the scene controller can be saved to a jump drive via the USB interface underneath the armrest. The USB interface can also connect a PC to control the scene controller via MIDI over USB.





**A TRUE VCA CONSOLE, THE CV 20 INCLUDES THREE PRIMARY (LCR) BUSSES, EIGHT SUBGROUPS AND TWELVE AUXILIARY BUSSES. AN EXPANDABLE MATRIX AND A GENEROUS ARRAY OF ADDITIONAL OUTPUTS.**

Frame Size	Dimensions (W x D x H in inches)	Weight	Lights
CV20-32	61.9 x 34.6 x 12.4	145 lbs.	3
Standard Models include 24 Mono inputs + 8 Stereo			
CV20-40	72.7 x 34.6 x 12.4	165 lbs.	4
Standard Models include 32 Mono inputs + 8 Stereo			
CV20-48	83.4 x 34.6 x 12.4	185 lbs.	4
Standard Models include 40 Mono inputs + 8 Stereo			
CV20-56	94.2 x 34.6 x 12.4	205 lbs.	5
Standard Models include 48 Mono inputs + 8 Stereo			
CV20-64	104.9 x 34.6 x 12.4	225 lbs.	5
Standard Models include 56 Mono inputs + 8 Stereo			



**MONO CHANNEL**

**STEREO MIC/LINE CHANNEL**

**MASTER SECTION**

**STEREO DUAL-LINE CHANNEL**

