

CENTURY SERIES

GT



Technical Data Sheet

TECHNICAL SPECIFICATIONS

FREQUENCY RESPONSE
+0.0, -0.5dB, 20Hz to 20 kHz (referenced to 1kHz)

TOTAL HARMONIC DISTORTION
Mic input to Group output
20Hz to 20 kHz at +15dBu <0.01%

NOISE (22Hz to 22kHz)
Mic EIN -129 dBu
Mix Bus Output Noise (20 ch routed) - 80 dBu
Aux Bus Output Noise (20 ch routed) - 80 dBu

CROSSTALK (Measured at 1kHz)
Channel Mute >102 dB
Channel Fader Attenuation >96 dB
Channel Routing >85 dB
Channel Aux Send Attenuation >93 dB

INPUT/OUTPUT IMPEDANCES
Mic Input 4kΩ balanced
Line Input >10kΩ balanced
Outputs 140Ω balanced

INPUT/OUTPUT LEVELS (0VU = +4 dBu, 1.23V RMS)
Mic Input Sensitivity +4 to -62 dBu
Line Input Sensitivity +12 to -38 dBu
Input Insertion Point Level +4 dBu
Output Insertion Point Level -2 dBu
Nominal Output Level +4 dBu
Maximum Balanced Output Level +28 dBu

CONFIGURATIONS

Century GT Consoles are available in the following configurations:

FOUR SUBGROUP
16, 24, 32, 36, 44, or 56 inputs

EIGHT SUBGROUP
12, 20, 28, 32, 40, or 52 inputs

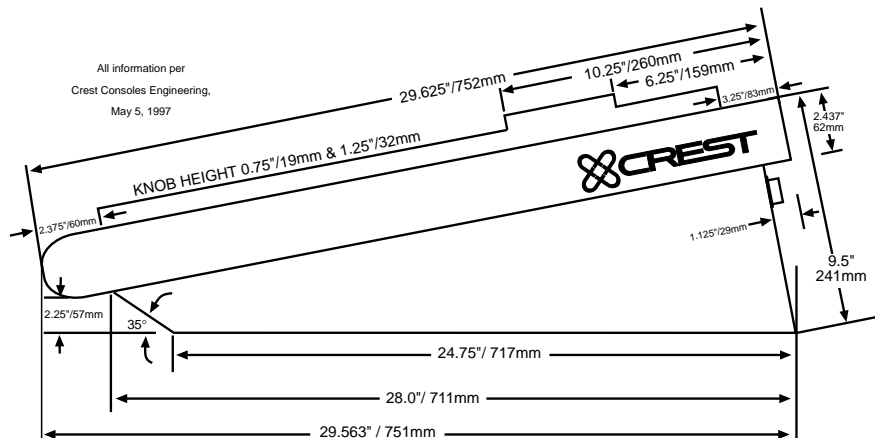
All Century GT Consoles are available with stereo input modules and matrix modules.

DIMENSIONS

The following table contains net dimensions for all Century GT consoles. (L x W x H)

Frame Size	Imperial	Metric
24	34" x 29.63" x 9.5"	850 x 753 x 241mm
32	44" x 29.63" x 9.5"	1100 x 753 x 241mm
40	53" x 29.63" x 9.5"	1350 x 753 x 241mm
44	58" x 29.63" x 9.5"	1460 x 753 x 241mm
52	67" x 29.63" x 9.5"	1700 x 753 x 241mm
64	82" x 29.63" x 9.5"	2070 x 753 x 241mm

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Architect's & Engineer's Specifications - Century GT

The live sound console shall be constructed in a modular fashion and be housed in a steel frame with molded plastic side panels. The console shall be black with white labeling and utilize XLR lighting device connectors. The console shall have an XLR talkback mic connector and a headphone jack. These shall be located beneath the far right side of the armrest. All microphone inputs shall be electronically balanced and accessed via 3-pin XLR connectors and have an EIN of -129 dBm. All line inputs shall be electronically balanced and accessed via 1/4" TRS jacks. The insert points shall be via 1/4" TRS jacks. Each input channel shall have: a +48 volt phantom power switch, a -15 dB mic pad switch, a 80Hz high pass filter switch, a polarity reverse switch and 4-band (LF-40-800Hz, LMF-100Hz-2KHz, HMF-400Hz-8KHz, HF-1.5k-20KHz) sweepable EQ with peak/shelve switches on the high and low controls and an EQ In switch. Each input channel shall also have: a FET controlled (10 millisecond ramp) mute switch with LED, sub-group assignment switches, a L/R assignment switch, a dedicated mono assignment switch, a dynamic signal present LED and peak LED, a PFL switch, 4 scene mute switches (A-D), scene mute safe switch with LED, and a 100mm long throw fader. Each input channel shall have eight auxiliary sends which shall be controlled via six knobs and four switches. The aux sends shall have a pre/post fader switch for every four sends. The aux sends shall be selectable pre or post EQ and pre or post mute. There shall be an Aux 8 direct switch that shall allow the Aux 8 rotary knob to directly control the output of the 1/4" direct out TRS jack. The console shall be available in four or eight bus configurations. Each group module shall have a ten-segment LED meter array. The effect return section of each group module shall have a gain control, a two-band fixed EQ, sub-group assignment switches, a L/R assignment switch, a dedicated mono assignment switch, two aux send controls, a pan control, a level control, a dynamic signal present LED and peak LED, and a PFL switch. The remainder of the group module shall have a pan control, an FET controlled (10 millisecond ramp) mute switch with LED, assignment switches for: mono, L/R, Group XLR and matrix post. It shall also have a fader reverse switch with LED. A PFL switch, dynamic signal present LED and peak LED, 4 scene mute switches (A-D), scene mute safe switch with LED, and a 100mm long throw fader shall also be provided on the group module. The master section shall be four modules in width and have the following features: an 11x2 matrix, eight aux master controls with associated AFL switches, eight aux scene mute switches with LED, a 100mm long throw fader for each of the three master outputs, a fully assignable comprehensive talkback system, a talkback mic connection, a headphone jack, stereo program input control, and five scene mute master switches each with LED. The power supply shall be housed in a 14 ga. steel chassis that shall occupy two 19" rack spaces. The standard power supply shall have the ability to be daisy-chained to additional power supplies to provide a fail-safe operating environment. Connection of two or more power supplies shall not require additional interface hardware other than the provided cable. The live sound console shall be: the Crest Audio Century GT.

