

CS1x

YAMAHA

CONTROL SYNTHESIZER

Analog-style realtime control plus dynamic digital dimensions let you create sizzling Rave, Dance and Techno music.



Set fire to the house ...

- 480 normal voices and 11 drum kits (XG format)
- 128 Preset and 128 programmable User Performances (up to 4 voices, or "Layers", assigned to each Performance)
- 6 realtime Sound Control knobs (2 assignable)
- 2 one-touch "Scene" memory buttons (for each Performance) to instantly recall specified Sound Control knob positions
- Edit mode with all parameters displayed on the panel for instant access to any setting
- Arpeggiator with various types and timing subdivisions, plus Hold and Split functions
- 16-part multitimbral capabilities for XG and GM music production and playback (with an external sequencer or computer)
- 1 Performance (4 Layers) plus 12-part multitimbral capabilities, convenient for adding externally sequenced backing to your realtime performance
- Built-in TO HOST computer interface
- Stereo LINE INPUT for adding audio signals from a sampler or other system component

Digital Sound, Analog-style Realtime Control

The CS1x gives you unprecedented realtime control features which let you "design the sound" as you play. Simply grab the Filter Cutoff knob and change the cutoff frequency, or turn the Resonance knob one way and another—to completely transform the characteristics of the sound. There are two assignable knobs which let determine which parameters you want to control in realtime. Press one of the Scene buttons to instantly recall specific position settings of the six Sound Control knobs. Or roll the assignable Modulation Wheel back and forth to continuously change the sound between one Scene and another as you play. In all, there are three Scene variations in each Performance—the original settings for the basic Performance sound plus the two Scene settings.



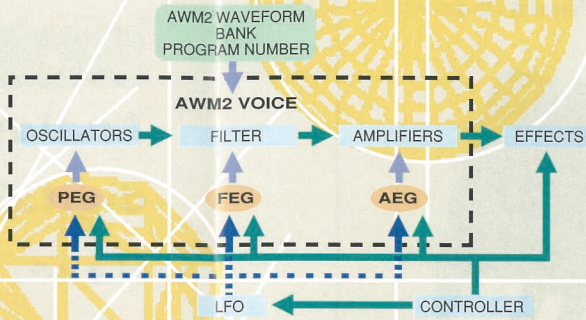
Arpeggiator Adds Unique Creative Dimensions

The CS1x's Arpeggiator automatically creates arpeggiated chords based on the notes you play on the keyboard, giving you enormous power to create unique sonic atmospheres and moods.

30 Arpeggiator Types

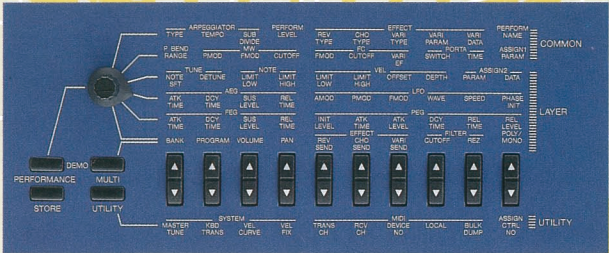
1	UpOct1	16	Techno-A
2	UpOct2	17	Techno-B
3	UpOct4	18	Techno-C
4	DwOct1	19	Techno-D
5	DwOct2	20	DAHouse
6	DwOct4	21	SyncopaA
7	UpDwAOct1	22	SyncopaB
8	UpDwAOct2	23	Echo&Pan
9	UpDwAOct4	24	TekkEcho
10	UpDwBOct1	25	SweepLine
11	UpDwBOct2	26	PulseLine
12	UpDwBOct4	27	BassLineA
13	RandmOct1	28	BassLineB
14	RandmOct2	29	BassLineC
15	RandmOct4	30	BassLineD

Introducing the Yamaha CS1x Control Synthesizer—the ideal instrument for creating the most sizzling Rave, Dance and Techno music in the house. The CS1x is a modern-day MIDI performance instrument which combines familiar analog-style synth sound-shaping and performance features—like filter cutoff and resonance knobs and other realtime controllers—with the digital convenience of AWM2 voices, Performance storage, Scene recall and other one-touch operations—all designed to set fire to your creative powers.



Performances & Intuitive Edit Matrix Let You Create Highly Complex Synth Textures

The CS1x comes filled with 128 Preset and 128 User Performances. You can edit any Performance in a variety of ways, and store it in one of the 128 User Performance memories. There's no need to search for hidden functions in pages and pages of submenus. A list of Edit menus with various parameters are printed in a matrix right on the CS1x's front panel, to give you instant access to any setting, as well as enormous control over minute aspects of the sound. You can also select and control the amount of the three digital effects applied to the sound—from 11 Reverb types, 11 Chorus types and 43 Variation types of effects.



An Ideal Addition To Any MIDI Music or Sequencing System

Besides being an exceptional performance-based synth, the CS1x is also ideally suited for desktop music production, or convenient integration into any expanded MIDI music system, by connecting it to samplers, sequencer and computers. (See back page for various System Examples.) As a 16-part multitimbral XG format compatible tone generator itself, you can use the CS1x with a sequencer (or computer with sequencing software) to record and play back the various instrument parts across the 16 MIDI channels. Also convenient is the CS1x's 1 Performance (4 Layers) plus 12-part multitimbral capability, which lets you add externally sequenced backing to your realtime performance—especially suitable for creating powerful Dance and Techno music, and more.



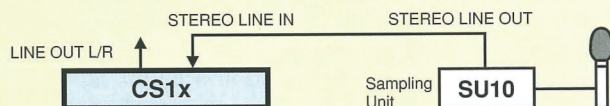
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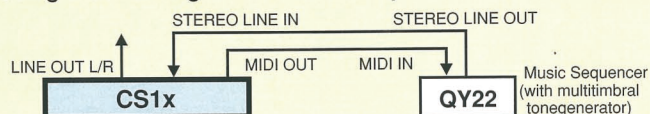
SYSTEM EXAMPLES

There are any number of ways that you can use the versatile CS1x with other MIDI components. Below are examples of a few ways to get more power and range from your CS1x.

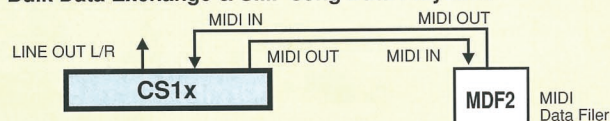
Adding sampled sounds



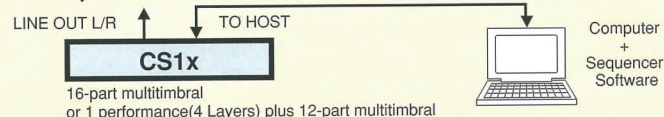
Adding & Controlling QY22 Auto-accompaniment



Bulk Data Exchange & SMF song Data Playback



Desktop Music Production & Playback



256 Preset / User Performances

Category Name	Voices
Piano	12
Chromatic Percussion	2
Organ	12
Guitar	4
Bass	30
Strings/Orchestral	12
Brass	11
Synth Lead	28
Synth Pad	21
Synth SFX	30
Ethnic	1
Sound Effect	12
Drums	8
Synth Comping	32
Vocal	5
Combination	9
Sequence	27

480 XG Normal Voices

Instrument Group	Voices
Piano	39
Chromatic Percussion	20
Organ	36
Guitar	29
Bass	42
Strings	12
Ensemble	34
Brass	32
Reed	13
Pipe	8
Synth Lead	36
Synth Pad	29
Synth Effects	56
Ethnic	21
Percussive	23
Sound Effects	8
SFX	42

11 XG Drum Kits

Standard Kit	Jazz Kit
Standard 2 Kit	Brush Kit
Room Kit	Classic Kit
Rock Kit	SFX 1
Electro Kit	SFX 2
Analog Kit	

Specifications

FUNCTIONS	Keyboard Tone Generator Multi Timbres Polyphony Arpeggiator Wave ROM Effects Normal Voices Drum Voices Performances	61 keys (Initial Touch) AWM2 16, or one Performance + 12 32 notes Type, Tempo, Subdivision 4.5MB Reverb (11), Chorus (11), Variation (43) 480 (XG) 11 kits (XG) 128 Preset, 128 User
CONTROLLERS	Pitch Bend Wheel Modulation Wheel (assignable) Sound Control knobs x 6 Volume knob Performance Edit Parameter Rotary Switch HOST SELECT switch (rear)	
DISPLAY	Custom LCD with LED backlight LED x 2 (red; for Scenes)	
CONNECTORS	Headphones Stereo Output (L / MONO,R) Stereo Input (stereo mini jack) Foot Controller (assignable) Foot Volume (assignable) Footswitch (assignable) MIDI IN/OUT/THRU TO HOST	
POWER SUPPLY	PA3B or equivalent AC Adaptor	
DIMENSIONS	976 (W) x 285 (D) x 103 (H) mm (38-3/8" x 11-1/4" x 4")	
WEIGHT	5.7kg (12 lbs., 9 oz.)	

For details please contact:

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