

# Superior Features, Functions and Sound

## ORGAN SECTION

The SK series organ sections feature a full range of stop levers from 1' to 16', percussion levers with adjustable decay, and controls for overall sustain, brilliance and decay. The percussion, sustain, brilliance and decay controls affect the organ preset sounds as well as the Manual organ section.

## POLY-SYNTH/STRING SECTION

The poly-synth section offers a full complement of filter and envelope generator controls permitting cre-

ation of an unlimited variety of sounds. The poly-synth is a 7-note polyphonic synthesizer with complete control of pitch, filter cutoff and resonance, envelope generator depth, and a full ADSR generator. Also, sustain, slow attack and brilliance functions are provided which affect the string and poly-synth presets as well as the Manual sound.

## BASS SECTION

This section, unique to the SK50D, provides an independent set of

tone generators and controls for a deep, rich organ bass sound. Included are 16', 8' and ATTACK 8' stop levers, as well as sustain and brilliance controls. The organ bass sound is controlled from either the "Manual Bass" section (1½ octaves) of the lower keyboard or the optional bass pedal unit (BP-2).

## SOLO SYNTHESIZER SECTION

The solo synthesizer section offered in the SK50D and SK30 features a single voltage controlled oscillator and permits full control

of pitch, waveform, filter, volume, envelope generator and portamento functions. In addition, the keyboard after-touch response gives the player the capability to add vibrato, tremolo, and brilliance changes according to the pressure he applies to the keys. These features make the single-note solo synthesizer ideal for lead lines—particularly when played simultaneously with the organ, poly-synth or string sections.

## TREMOLO/ENSEMBLE CONTROLS

The tremolo control adds a realistic rotating speaker effect to the organ and poly-synth/string sounds. The Tremolo Speed control causes a gradual change in the speed of the tremolo effect—slow to fast or vice-versa—just like a mechanical rotating speaker. Ensemble can be added to the organ and poly-synth/string sounds for a rich, chorus-like effect. The SK series keyboards even offer a rear-panel connector for direct connection to a real rotating speaker, with rotation speed

controllable from the front-panel Tremolo Speed button.

## VIBRATO SECTION

These controls add vibrato to the organ and poly-synth/string sounds in the SK20, and to the poly-synth/string sounds in the SK30 and SK50D. Overall vibrato speed is adjusted by the Speed control, and a Delay control lets you adjust the time it takes for the vibrato to reach full depth (a function of the Depth control) once a key is depressed.

## SK50D

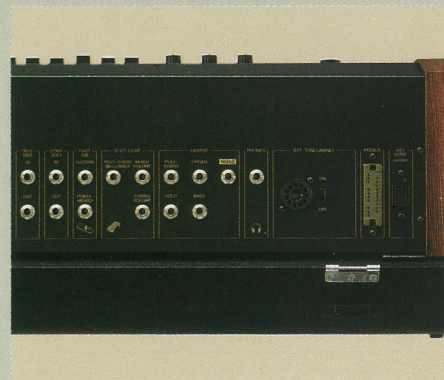
### The Ultimate Multi-Keyboards

The SK50D is without a doubt the most complete multi-keyboard ever created. It effectively unites organ, strings, polyphonic synthesizer, solo synthesizer and bass in one portable instrument. Plus, it features the extensive versatility of dual 61-note keyboards. If your forte is multi-keyboards, the SK50D lets you concentrate all your musical energy on one superbly responsive, ultimately versatile instrument.



### Rear Panel Connections

In addition to the main "mixed" output jack, the SK50D offers independent output connectors for the organ, poly-synth/strings, bass and solo synthesizer sections. Jacks are provided for foot pedal control of mixed volume, string volume and poly-synth brilliance, as well as footswitch control of sustain and solo synthesizer portamento. Control voltage and trigger input/outputs are included for interfacing the solo synthesizer with other Yamaha synthesizers, and a key code output connector permits "playing" other Yamaha instruments which feature a key code input from the SK50D keyboards. Also included are a headphone jack for private practice, a connector for the optional bass pedal unit, and an external tone cabinet connector.



## SK30

### Full Multi-Keyboards Sound and Control

Offering an extensive complement of sound source sections—organ, strings, polyphonic synthesizer and solo synthesizer—plus vast sound control flexibility, the SK30 is capable of providing a full multi-keyboard sound in one instrument where many separate keyboards were previously required. Its single 61-note keyboard features a versatile split keyboard mode which can greatly expand your scope for creating new tonal combinations. If you want a "bigger" keyboard setup without having to add a multitude of individual keyboards, the SK30 is ideal for your needs.



### Rear Panel Connections

Like the SK50D, the SK30 has a mixed output jack as well as independent output jacks for the organ, poly-synth/string and solo synthesizer sections. Jacks are provided for foot pedal control of mixed volume, string volume and poly-synth brilliance, as well as footswitch control of sustain and solo synthesizer portamento. Capability for interfacing with other Yamaha synthesizers is provided by control voltage and trigger input/outputs, and a key code output jack permits "playing" other Yamaha instruments that feature key code input from the SK30. Other rear panel features include a headphone jack for private practice, a connector for the optional bass pedal unit, and an external tone cabinet connector.

