

PS-3200

PROGRAMMABLE POLYPHONIC SYNTHESIZER

Memorizes the tone color you want—the perfect completely polyphonic synthesizer for live performance.

This programmable polyphonic synthesizer has built-in microprocessor circuitry that lets it memorize the tone colors you synthesize on the control panel. Including all the capabilities of Korg's amazing PS-3100, the settings of all 32 control knobs and switches are accurately memorized. And they stay memorized even when you turn off the power. Unlike other units, you can quickly override the memory by just pulling out any of the 32 control knobs for temporary read-justment. For the multi-keyboard artist this means a new level of expressive freedom. Since you can cancel the memory and alter the tone color at any time, you no longer need to be burdened with several keyboards at once. In fact, the PS-3200 has such enormous flexibility that it can take the place of 16 ordinary polyphonic keyboard units in a live performance situation.

To give you the capability to synthesize even more complex effects, we have added to the PS-3100's group of modules a completely independent extra SG section, a 7-element equalizer for final control of tone color, and a modulation balance module that lets you mix the cyclic changes of the modulation generator with the stepped changes of the sample and hold, and simultaneously modulate the oscillator frequency and tone color. All this makes the PS-3200 a strikingly flexible and easy-to-play unit that realizes its full potential under the most demanding live performance conditions.

SPECIFICATIONS •SYNTHESIZER UNIT•
SIGNAL GENERATORS-1: Temperament Adjust x 12, Waveform (A, N, PWM, PW), Scale (16', 8', 4', 2') Scale Modulation Input, PWM Input
SIGNAL GENERATORS-2: Temperament Adjust x 12, Waveform (A, N, PWM, PW, OFF), Scale (16', 8', 4', 2'), Fine Tuning (±100 Cents), External FM Intensity, FM Input, Scale Modulation Input, PWM Input •SG-1 + 2
TOTAL CONTROL: Total Tuning (±100 Cents), PWM Speed, PWM Intensity, Internal FM Intensity, External FM Switch, External FM Reverse Switch, Frequency, Peak, Keyboard Filter Balance, Expand, Internal fcm Intensity, External fcm Switch, External fcm Intensity, fcm Input •ENVELOPE MODIFIERS: Attack Time, Sustain Level, Release Time, A.T Control Input, Release Switch Input
EQUALIZER (125, 250, 500, 1 k, 2 k,

4 k, 8 k/Hz) •TOTAL SIGNAL MODIFIERS: Keyboard Volume Balance, AM Intensity (0~200%), Ensemble Depth, Preset Volume, VCA-1 Control Input, VCA-2 Control Switch •SAMPLE & HOLD: Clock Frequency, Synchro Switch, Clock Indicator, S/H Input, S/H Output, Trigger Input, Clock Output •MODULATION GENERATOR-1: Waveform (A, N, A, I, I), Pink Noise, White Noise, Frequency, Frequency Indicator, Frequency Control Input, MG-1 Output •MODULATION VCA: Modulation Balance (S/H-MG-1), VCA Control Input •MODULATION GENERATORS-2 (A): Frequency, Frequency Indicator, MG-2 Output •GENERAL ENVELOPE GENERATOR: Delay Time, Attack Time, Release Time, Auto Switch, Trigger Inputs x 2, Envelope Outputs x 3 •VOLTAGE PROCESSORS x 2: Limiter A, Limiter B, VP-2 Input Selector, Voltage Inputs x 2, Controller Inputs x 2 VP Output •ADDING AMPLIFIERS: Level-1, 2, Input-1, 2, A.A

Output, A.A Reverse Output •VOLUME: Direct, Headphone, Final •SIGNAL OUTPUT: Direct Headphone, Final •JUNCTIONS: (3 x 2) •PROGRAMMER UNITS• •PROGRAM: 1~16, Cancel/Set, Write, Memory Protection Switch, Battery Indicator, Backup Battery Case •REMOTE CONTROL: Program Select, Remote Jacks x 8, 60P Jack •IMPEDANCE (Input): Digital Input 1 kΩ, Analog Input 10 kΩ •IMPEDANCE (Output): Modulation Signal Output 1 kΩ, Signal Output 2.5 kΩ, Headphone Output 200 Ω •OTHERS: 60P Jack (Keyboard), Power Switch, Lamp, Power Connector, Power Selector (100 V, 117 V, 220 V, 240 V) •DIMENSIONS: 920 (W) x 445 (H) x 345 (D) mm •WEIGHT: 30 kg •ACCESSORIES: Patch Cords = 50 cm x 4, 1m x 2, Connection Cord, AC Cord = 3 m x 1 •POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Memory Protection = Dry Battery (AM-3 x 2, 3 V), Wattage (75 W)



*The keyboard (PS-3010) is optional.