

# PS-3300

POLYPHONIC SYNTHESIZER



The world's first integrated 3-system completely polyphonic synthesizer—The peak of the PS-series.

**SPECIFICATIONS** «SYNTHESIZER UNITS x 3» ●SIGNAL GENERATORS: Temperament Adjust x 12, Waveform (A, N, P, L, R, M), PWM Intensity, Fine Tuning (±100 Cents), Coarse Tuning (±1/2 OCT), Scale (16', 8', 4', 2'), FM Reverse Switch, FM Switch, Internal FM Intensity, External FM Intensity, FM Input, PWM Input ●DYNAMIC LOW-PASS FILTERS: Cut-off Frequency, Peak, Keyboard Filter Balance, Expand, FcM Switch, Internal FcM Intensity, External FcM Intensity, FcM Input ●ENVELOPE MODIFIERS: Attack Time, Decay Time, Sustain Level, Release Switch, Hold Switch, A.T Control Input, R.S. Input ●SIGNAL MODIFIERS: Resonator Intensity, Peak

Frequency x 3, MG-2 FcM Switch, FcM Input, AM Intensity, AM Switch, Keyboard Volume Balance, Signal Output ●MODULATION GENERATOR-1: Waveform (A, N, P, L, R, M), Pink Noise, White Noise, Frequency (0.1 Hz ~1 kHz), Frequency Control Input MG-1 Level Control Input, MG-1 Output ●MODULATION GENERATOR-2 (A): Frequency (0.3 Hz~10 Hz), MG-2 Output ●MIXING UNIT x 1 ●SIGNAL MIXER: Signal Switches x 3, Mixer Volume x 3, Total Volume, Headphone Volume, Signal Switch Input, Mixer Input, Independent VCA Control Input, Total VCA Out, Headphone Output ●JUNCTIONS (4 x 2) ●SAMPLE & HOLD: Clock Frequency, Synchro Switch,

Sampling Signal Input, S/H Outputs x 2 ●GENERAL ENVELOPE GENERATOR: Delay Time, Attack Time, Release Time, Auto Switch, Trigger Inputs x 2, GEG Outputs x 3 (V, A, R) ●VOLTAGE PROCESSORS x 2: Limiter A x 2, Limiter B x 2, Voltage Inputs x 2, Controller Inputs x 2, VP Outputs x 2, VP-2 Input Switch ●IMPEDANCE (Inputs): Digital Inputs 1 kΩ, Analog Inputs 10 kΩ ●IMPEDANCE (Outputs): Modulation Signal Outputs 1 kΩ, Signal Outputs 2.5 kΩ, Headphone Output 200 Ω ●OTHERS: Power Switch, Power Lamp, 60P Connector, AC Voltage Selector (100 V, 117 V, 220 V, 240 V) ●DIMENSIONS: 1010 (W) x 475 (H) x 365 (D) mm ●WEIGHT: 36 kg

●ACCESSORIES: Patch Cords = 25 cm x 2, 35 cm x 2, 50 cm x 2, Connection Cord, AC Cord = 3 m x 1 ●POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (75 W)

\*The Keyboard (PS-3010) is optional.

# PS-3100

POLYPHONIC SYNTHESIZER



The most completely equipped single-system polyphonic synthesizer designed for high playability and flexible control.

**SPECIFICATIONS** «CONTROL SECTION» ●KEYBOARD: F~E 48 Keys ●SIGNAL GENERATORS: Waveform (A, N, P, L, R, M), PWM Intensity, Fine Tuning (±100 Cents), Coarse Tuning (±1/2 OCT), Scale (16', 8', 4', 2'), FM Switch, FM Reverse Switch, Internal FM Intensity, External FM Intensity, DYNAMIC LOW-PASS FILTERS: Cut-off Frequency, Peak, Keyboard Filter Balance, Expand, FcM Switch, Internal FcM Intensity, External FcM Intensity ●ENVELOPE MODIFIERS: Attack Time, Decay Time, Sustain Level, Release Switch, Hold Switch ●RESONATORS: Resonance Intensity, Peak Frequency x 3 ●TOTAL SIGNAL MODIFIERS: AM Intensity, Ensemble

Switch, VCA-1 Modulation Switch, VCA-2 Modulation Switch, Keyboard Volume Balance, Final Volume ●MODULATION GENERATOR-1: Waveform (A, N, P, L, R, M), Frequency (0.1 Hz~1 kHz) ●MODULATION GENERATOR-2 (A): Frequency (0.3 Hz~10 Hz) ●SAMPLE & HOLD: Clock Frequency, Synchro Switch ●GENERAL ENVELOPE GENERATOR: Keyboard Trigger Select, Delay Time, Attack Time, Release Time, Auto Switch, Reverse Switch ●VOLTAGE PROCESSORS x 2: Limiter A x 2, Limiter B x 2 ●MANUAL CONTROLLERS: Control Wheel, Momentary Switch ●OTHERS: Headphone Volume, Direct Volume «PATCHING SECTION»

●SELECT SWITCH: Modulation VCA Input Select Switch, VP-1 Input Select Switch ●INPUTS: SG (FM Input, PWM Input), DLPF (Cut-off Frequency Input), EM (A.T Control Input, Release Switch Input), VCA-1 (Control Input), VCA-2 (Control Input), MVCA (Control Input), S/H (Signal Input), MG-1 (Frequency Control Input), GEG (Trigger x 2), VP-1, VP-2 (Voltage Inputs x 2), Controller Inputs x 2 ●OUTPUTS: MG-1 Output x 1, S/H Output x 1, MG-2 Output x 1, GEG Outputs x 2, Trigger Outputs x 2 (Single, Multiple), VP-1 Output x 1, VP-2 Output x 1, Control Wheel Output x 1, Momentary Switch Output x 1, Signal Outputs x 3 (Final, Direct, Headphone) ●JUNCTIONS:

(4 x 1) ●IMPEDANCE (Input): Digital Input 1 kΩ, Analog Input 10 kΩ ●IMPEDANCE (Output, Modulation Signal Output 1 kΩ, Control Wheel Output 2.5 kΩ) ●SIGNAL OUTPUT IMPEDANCE: Final Output 2.5 kΩ (2 Vp-p), Direct Output 2.5 kΩ (2 Vp-p), Headphone Output 200 Ω ●DIMENSIONS: 820 (W) x 360 (H) x 528 (D) mm ●WEIGHT: 30 kg ●ACCESSORIES: Patch Cords = 25 cm x 2, 35 cm x 2, Connection Cord ●POWER CONSUMPTION: Voltage (Local Voltage, 50/60 Hz), Wattage (30 W)

## PS-3010

POLYPHONIC KEYBOARD

Complete with multiple remote control capability.

**SPECIFICATIONS** ●KEYBOARD: F~E, 48 Keys, 60P Jack, Connection Indicator ●X-Y MANIPULATOR: Joy-Stick X Off-set, Y Off-set, X-Output, Y-Output ●MOMENTARY SWITCH: Push Switch, Switch Output ●MANUAL SWITCH: Slide Switches x 3, Switch Outputs x 3 ●KEYBOARD TRIGGER: Keyboard Trigger Selector, Trigger Outputs (3 Modes) ●DIMENSIONS: 1005 (W) x 125 (H) x 261 (D) mm ●WEIGHT: 7 kg ●ACCESSORIES: Patch Cords = 1 m x 1, 2m x 2, 60P Connection Cable (PS-3001) = 2 m x 1



## PS-3060

PROGRAMMER REMOTE CONTROLLER

For remote control of the PS-3200 programmer.



**SPECIFICATIONS** ●Program Select x 16, Cancel x 1 ●Remote Jacks x 8 ●DIMENSIONS: 579 (W) x 61 (H) x 104 (D) mm ●WEIGHT: 2 kg ●ACCESSORIES: 60P connection cable

## PS-3040

DUAL FOOT CONTROLLER

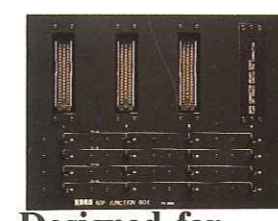


Ideal for live performance.

**SPECIFICATIONS** ●CONTROL PEDAL x 2: Control Outputs (+5 V~-5 V) x 2 ●FOOT SWITCHES x 2: ON Switches x 2, OFF Switches x 2 ●DIMENSIONS: 255 (W) x 79 (H) x 270 (D) mm ●WEIGHT: 3.3 kg ●ACCESSORIES: DIN Cord = 3 m x 2, Connecting Cord = 3 m x 2

## PS-3050

60P JUNCTION BOX



Designed for 60P connectors.

**SPECIFICATIONS** ●60P JUNCTION x 4 ●KEYBOARD SELECT SWITCHES: F<sub>1</sub>~E<sub>1</sub> x 4, F<sub>2</sub>~E<sub>2</sub> x 4, F<sub>3</sub>~E<sub>3</sub> x 4, F<sub>4</sub>~E<sub>4</sub> x 4 ●DIMENSIONS: 320 (W) x 82 (H) x 240 (D) mm ●WEIGHT: 2.7 kg

## PS-3001

60P CORD



Locking 60P connection cable.



**SPECIFICATIONS** ●60P CONNECTION CABLE: Connection Lock

●Option **STAND/ST-1** (No photograph)