

### III. CONTROLS

#### LFO PARAMETER SET-UP KNOBS

DEPTH: Sets the modulation intensity.  
SPEED: Sets the modulation frequency.  
DELAY: Sets the amount of time for the modulation to start after pressing a Key.

LFO SELECT BUTTON and INDICATORS  
To select destinations of LFO effect.

LFO WAVEFORM SELECT BUTTON and INDICATORS

#### CHORUS (1/2/OFF) SELECT BUTTON and INDICATORS

To select chorus effects or off

#### ARPEGGIO MODE

##### SELECT BUTTONS and INDICATORS

MODE: To Select 'UP', 'DOWN', 'UP and DOWN'.  
HOLD: To Hold an arpeggiated figure.  
ON/OFF: To turn on or off the arpeggiation effect or function. In whole mode, the entire keyboard is arpeggiated. In 0-6 Split mode, arpeggiation affects the upper split only. In 2-4, 4-2 and 6-0 split modes, arpeggiation affects the lower split only.

ARPEGGIO SPEED CONTROL KNOB

MASTER LEVEL CONTROL

SPLIT BALANCE LEVEL CONTROL

UNISON MODE  
SELECT BUTTON and INDICATORS

AUTO TUNE BUTTON

WHEEL UPPER/LOWER SELECT BUTTON and INDICATORS

PINCH BEND DEPTH CONTROL KNOB  
Sets the amount of pitch change.

PITCH BEND WHEEL  
To change the pitch

CUT OFF FREQUENCY CONTROL KNOB

#### MODULATION WHEEL

The modulation wheel has no effect when it rotated to "MINI" direction, add modulation when it rotated to "MAX" direction.

SPLIT MODE ON/OFF BUTTON

SPLIT MODE SELECT BUTTON and INDICATORS

COMPARE/EDIT RECALL/KEY TRANS  
SELECT BUTTONS and INDICATORS

#### OCTAVE SELECT BUTTON and INDICATORS

To set the basic octave range of the keyboard between 2' (highest range) and 32' (lowest range).

#### VCO PARAMETER SET-UP KNOBS

PULSE WIDTH: Acts like a tone control that changes the timbre of each waveform.

SPEED: Controls an LFO frequency that changes the pulse width automatically

EG DEPTH:

A (VCO) - B (NOISE/SAMPLER)  
BALANCE CONTROL KNOB

#### VCF PARAMETER SET-UP KNOBS

CUT OFF FREQ: To Set a cut off frequency of the VCF (LPF).

RESONANCE: To boosts the Amplitude of frequencies near the cut off frequency setting.

KEY FOLLOW: To change the cut off frequency according to the key played (higher or lower note) to maintain the same timbre.

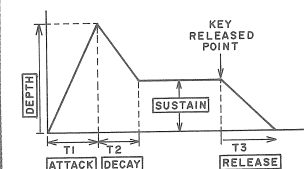
VCO MOD: To produce musically useful timbre shifts.

HPF: To set a cut off frequency of the high pass filter.

EG POLARITY SELECT BUTTON and INDICATORS

EG ASSIGNMENT/SELECTION BUTTONS and INDICATORS

EG PARAMETER SET-UP KNOBS



ATTCK: Sets the amount of time (T1).  
DECAY: Sets the amount of time (T2).  
SUSTAIN: Sets the level.  
RELEASE: Sets the amount of time (T3) after a key is released.  
DEPTH LEVEL: Sets the overall amplitude of the maximum deflection and also the sustain level.

NOISE and SAMPLER INPUT  
CONTROL BUTTONS

PROGRAM SELECT BUTTON  
To select the Bank and Preset Number.  
To Select Tape Interface.  
To Sets MIDI channels.  
To Sets and Select Split preset.

NUMERIC DISPLAY

VCO WAVEFORM SELECT BUTTON and INDICATORS

WRITE BUTTON

CASSETTE INTERFACE SELECT BUTTON

Fig. 3-1