Synthesizer Patch Charts

CS-10/CS-30/CS-30L

CS-30L
CS-30
CS-10

YAMAHA

The new sounds made available to us by the emergence of the synthesizer have made possible the opening up of an entirely new genre in the world of music. And we hope that you, as one who loves music, will be able to make this wonderful world of new possibilities yours soon, by understanding how this new instrument is played.

This booklet has been compiled for the purpose of helping you understand the functions of the YAMAHA SYNTHESIZER, and is to be used together with the Owner's Manual.

The first step to be taken is to set the controls and levers just as they are illustrated in this booklet and to produce the resultant sounds. Then, the next step will be for you to freely set the various controls and levers according to your taste. After a while, you will come to understand the functions of the various controls and levers as a matter of course.

The captions of the patch examples given in this booklet may differ somewhat from the image you may have. If this should be the case, adjust the controls until you obtain the sound that satisfies the image you have in mind. You are given hundred percent freedom to create sounds that will match image of your own.

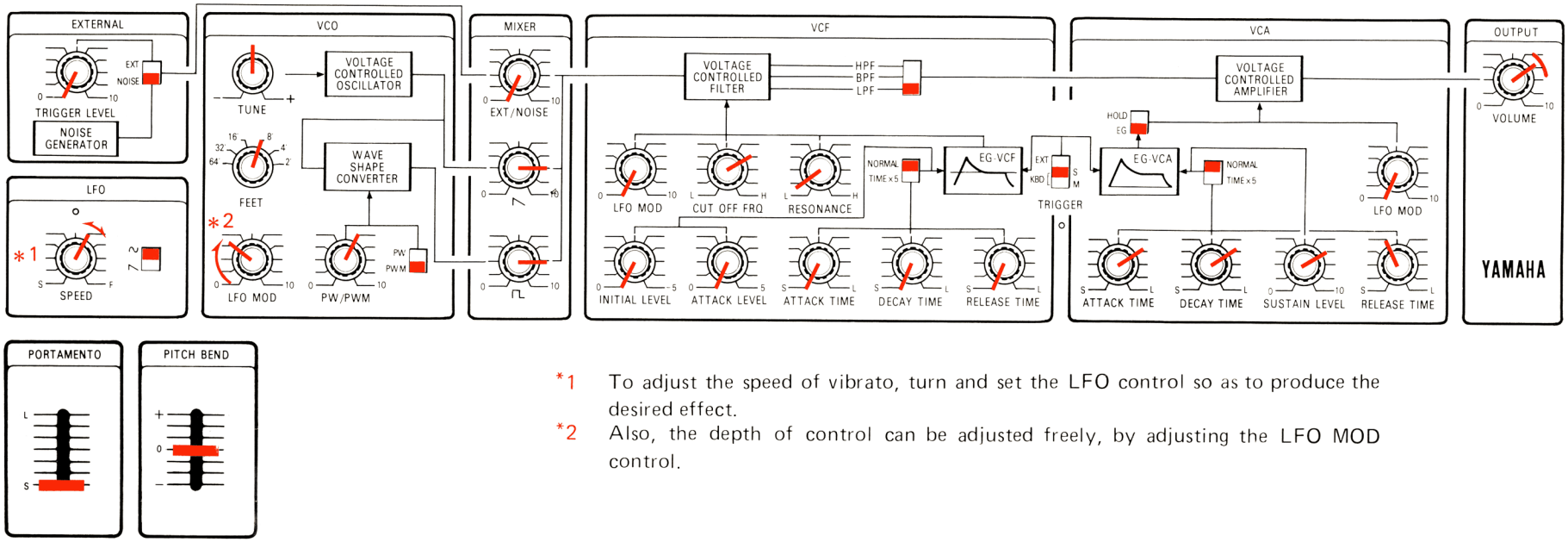
Wishing you the best in new music making!

CONTENTS

NOTE: As the positions of the controls without any position marks do not affect the tone, they may be left to wherever they may be.

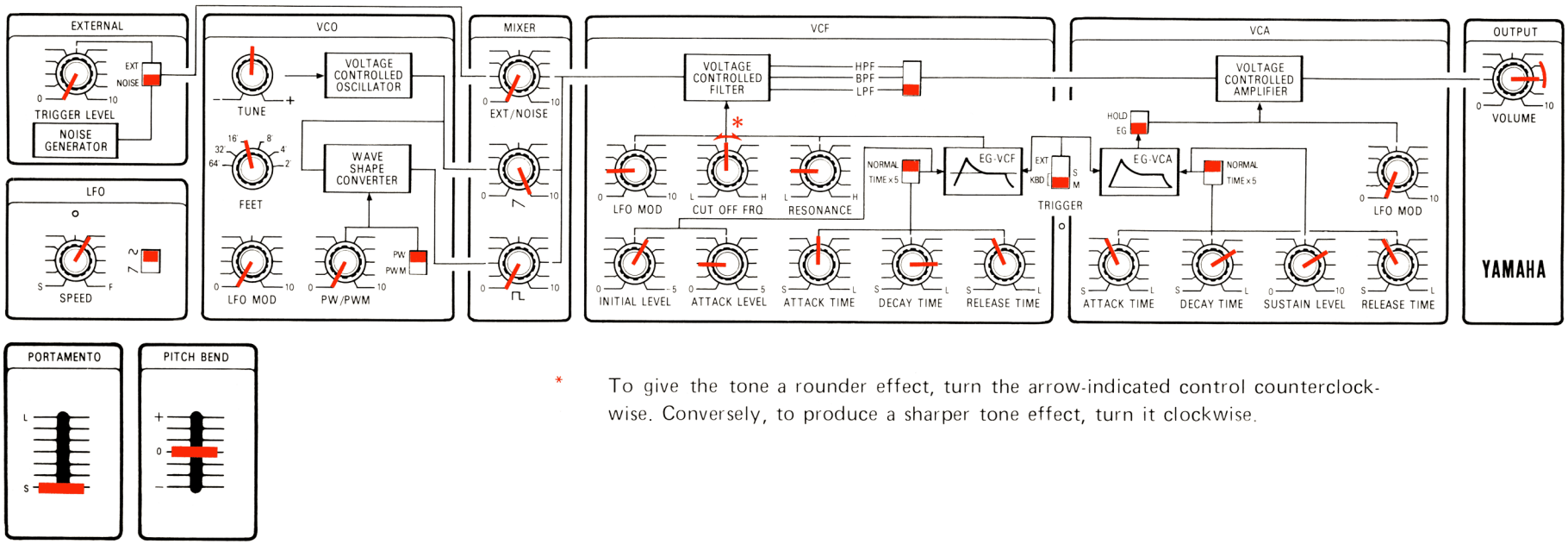
Since some of the patch examples of CS-30 and CS-30L are compatible, try to pair the patch examples up, after you have come to understand the function of the various controls and levers.

VIOLIN



*1 To adjust the speed of vibrato, turn and set the LFO control so as to produce the desired effect.

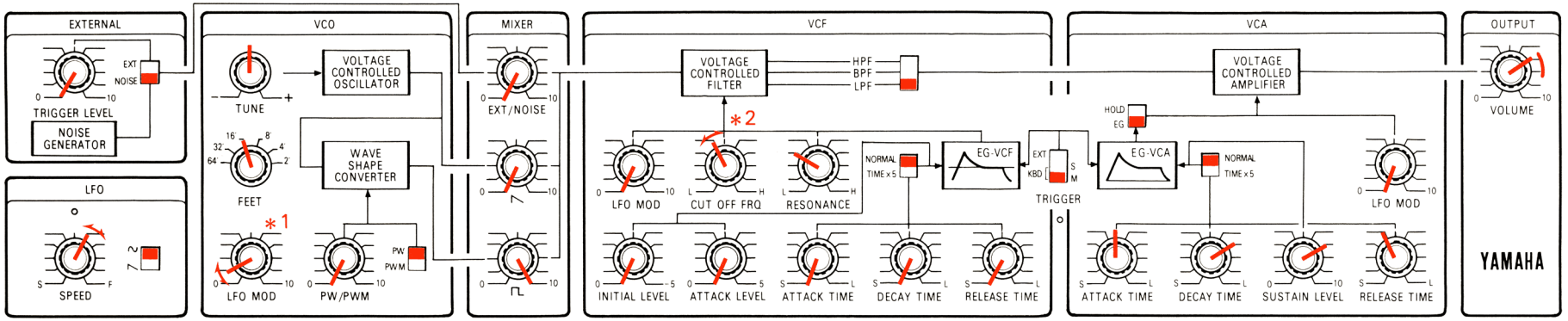
*2 Also, the depth of control can be adjusted freely, by adjusting the LFO MOD control.

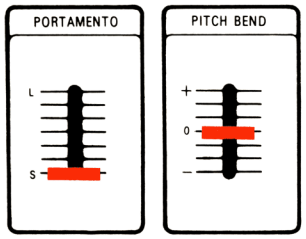


* To give the tone a rounder effect, turn the arrow-indicated control counterclockwise. Conversely, to produce a sharper tone effect, turn it clockwise.

TRUMPET

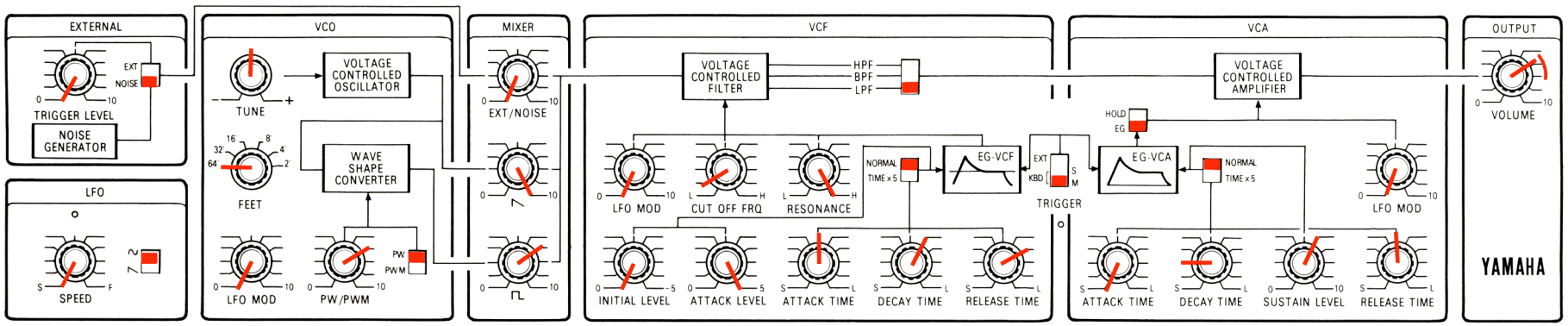
CLARINET

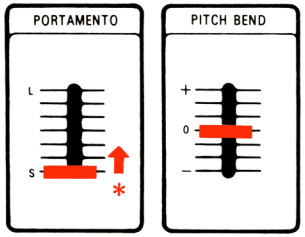




*1 Using the arrow-indicated control, add the desired vibrato effect.

*2 Using the arrow-indicated control, adjust the tone to a roundness that suits your taste.

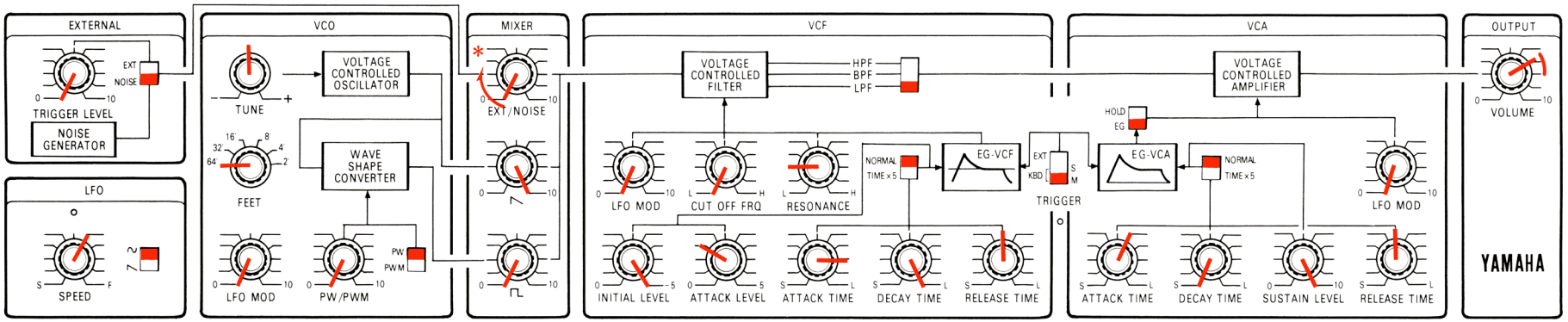


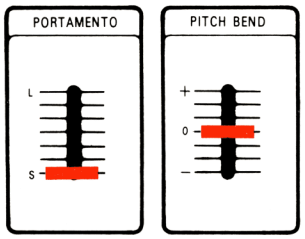


Portamento may also be added.

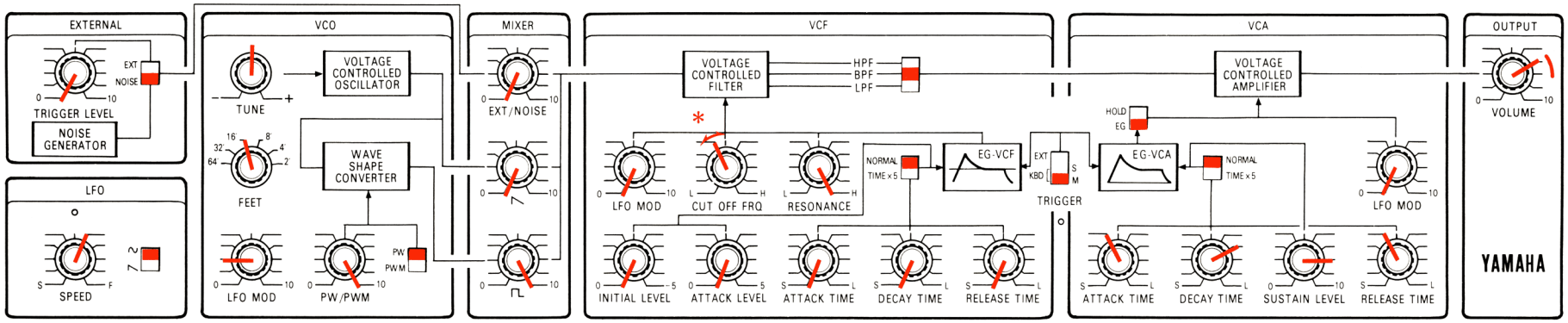
SYN-BASS

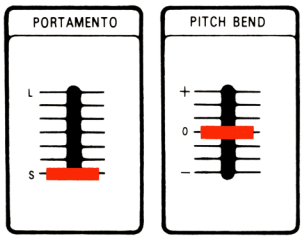
SOUSAPHONE





* To add the desired amount of breath, use the control indicated by an arrow.

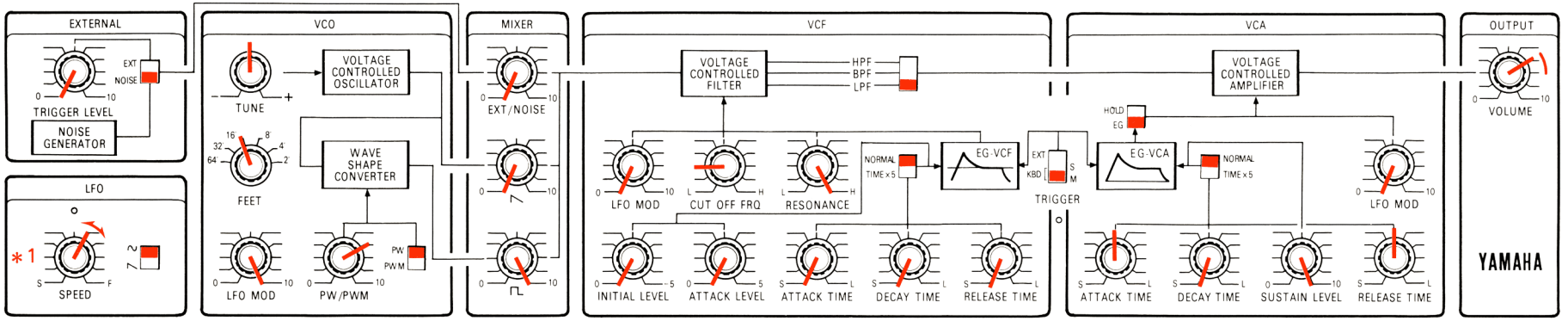


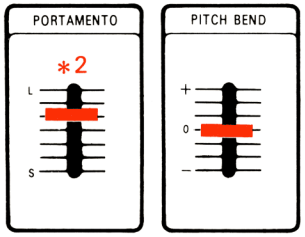


* Adjust the arrow-indicated control to render the tone with the desired penetrating, melancholic effect of the oboe.

OBOE

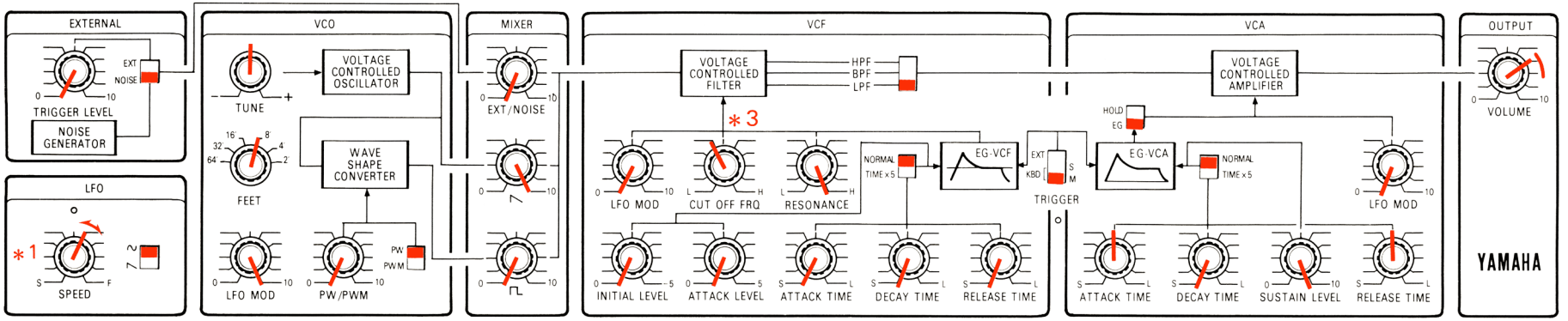
MALE TENOR VOICE

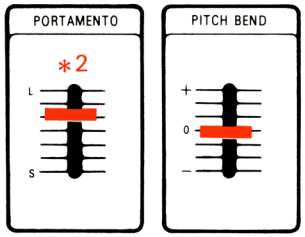




*1 Add the desired amount of vibrato by adjusting the LFO SPEED knob in a minute manner.

*2 Also add a proper amount of portamento to produce the naturalness of the human voice.





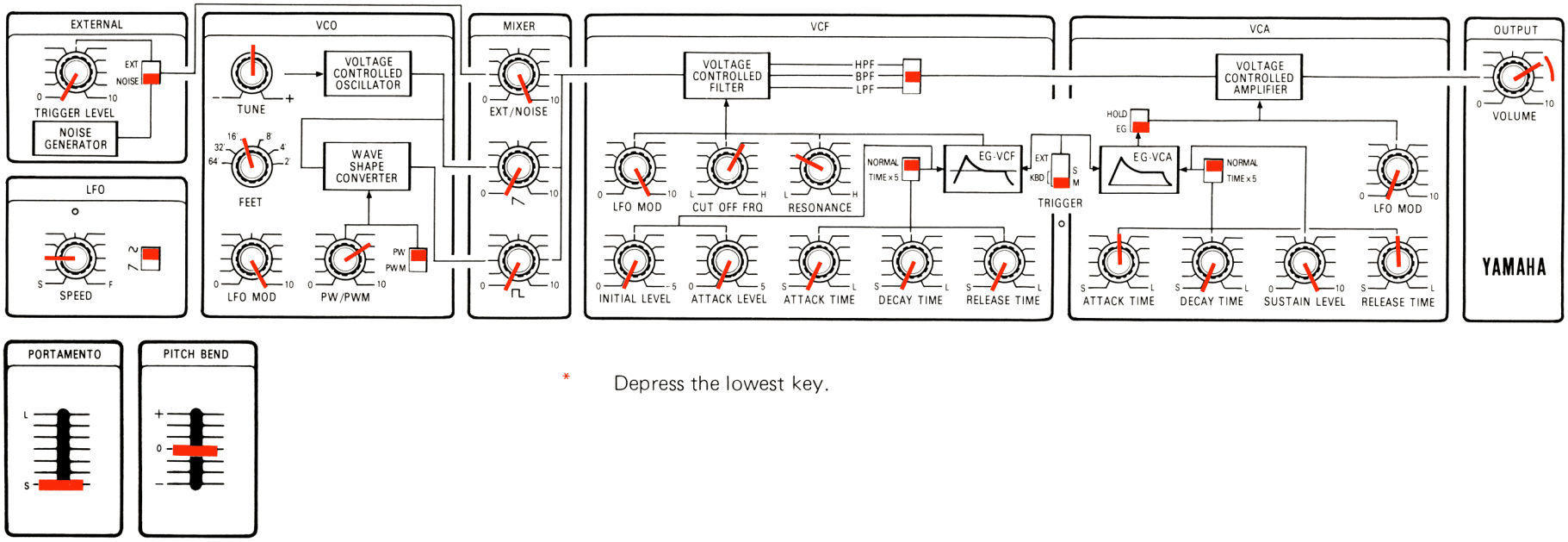
*1 To produce the vibrato effect that best suits your taste, adjust the LFO SPEED knob in a minute manner.

*2 Add some portamento (for example, 4~5).

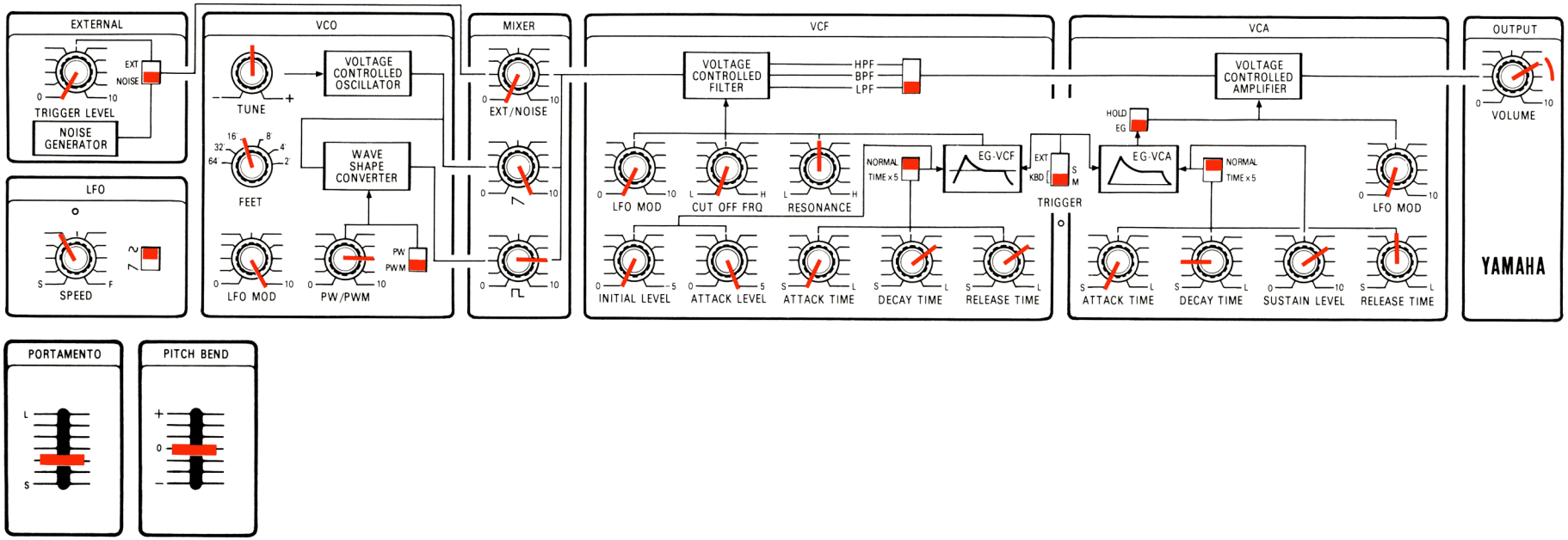
*3 To obtain sharper, or rounder tones, adjust the CUT OFF FRQ. knob in a minute manner.

FEMALE SOPRANO VOICE

SNOWSTORM

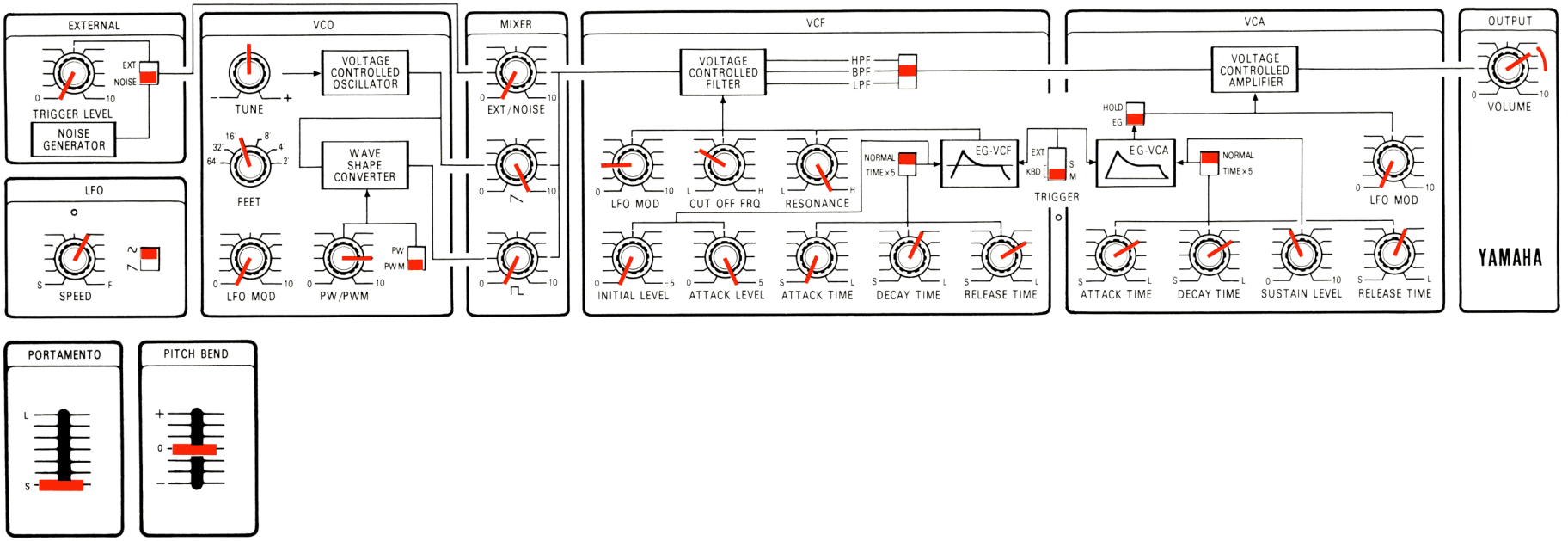


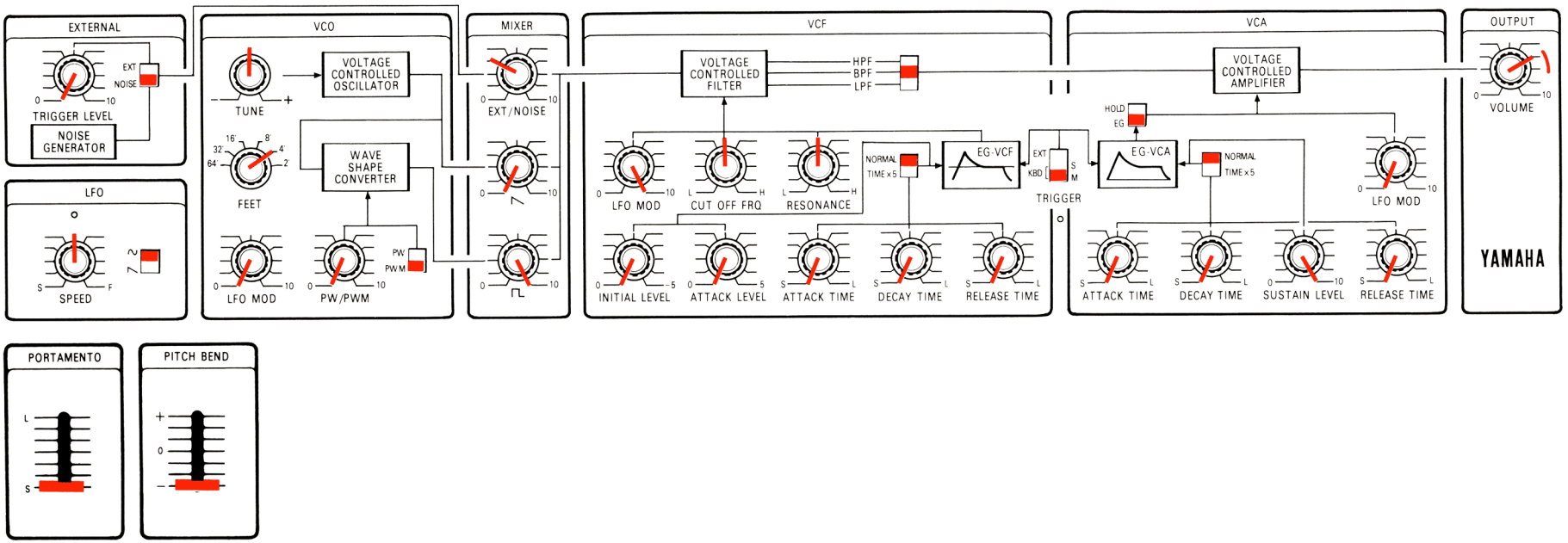
* Depress the lowest key.



SPACE COMEDY THEME

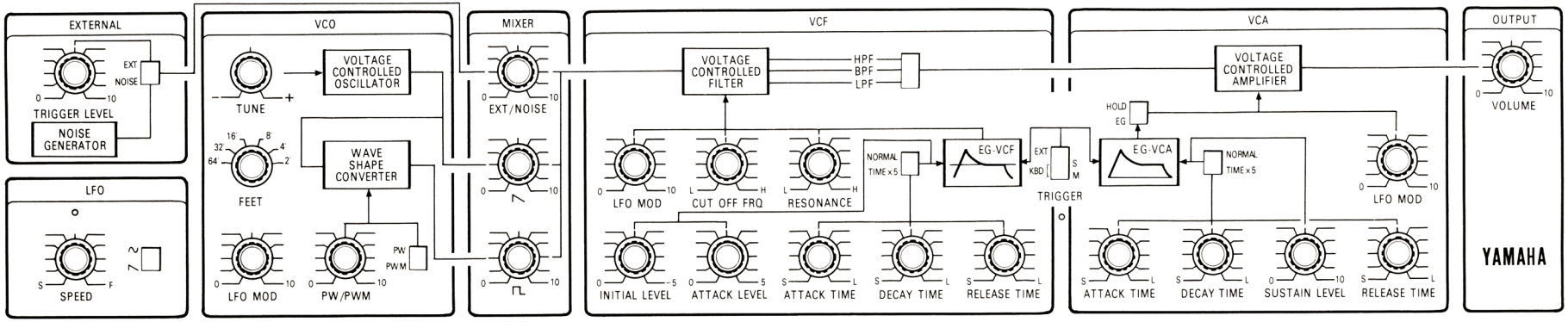
SPACE BETWEEN CRYSTAL STARS

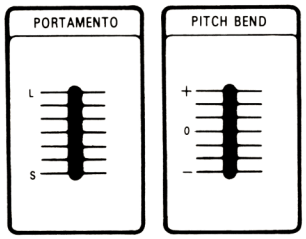



EXTERNAL
EXT
NOISE
TRIGGER LEVEL
NOISE GENERATOR
LFO
SPEED
VCO
TUNE
VOLTAGE CONTROLLED OSCILLATOR
WAVE SHAPE CONVERTER
FEET
LFO MOD
PW/PWM
PW
PWM
MIXER
EXT/NOISE
VCF
VOLTAGE CONTROLLED FILTER
HPF
BPF
LPF
LFO MOD
CUT OFF FRQ
RESONANCE
NORMAL
TIME x 5
EG-VCF
EXT
KBD
S
M
TRIGGER
INITIAL LEVEL
ATTACK LEVEL
ATTACK TIME
DECAY TIME
RELEASE TIME
VCA
VOLTAGE CONTROLLED AMPLIFIER
HOLD
EG
EG-VCA
NORMAL
TIME x 5
LFO MOD
ATTACK TIME
DECAY TIME
SUSTAIN LEVEL
RELEASE TIME
OUTPUT
VOLUME
YAMAHA
PORTAMENTO
PITCH BEND

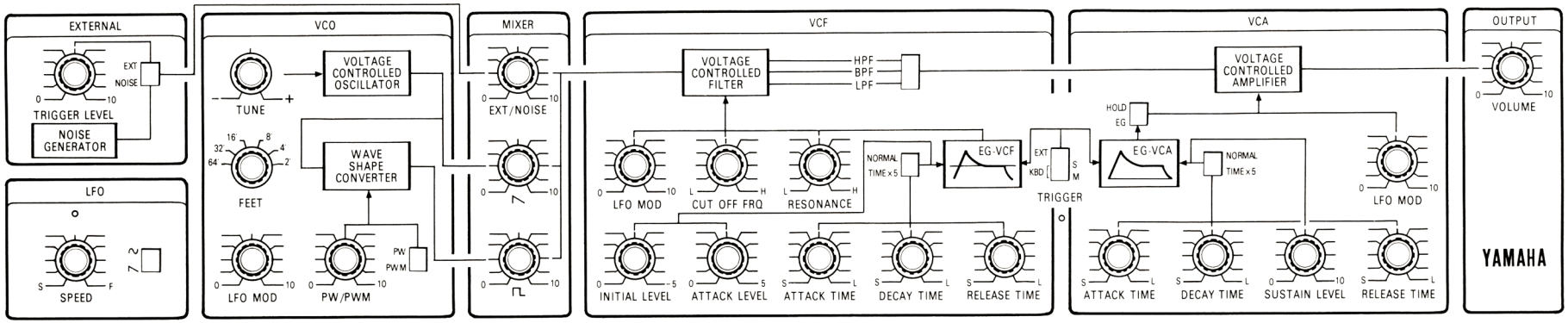
FLUTE PLAYED BY A CELESTIAL NYMPH

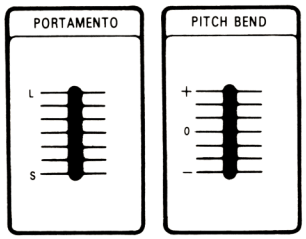
SOUND MEMO





Date



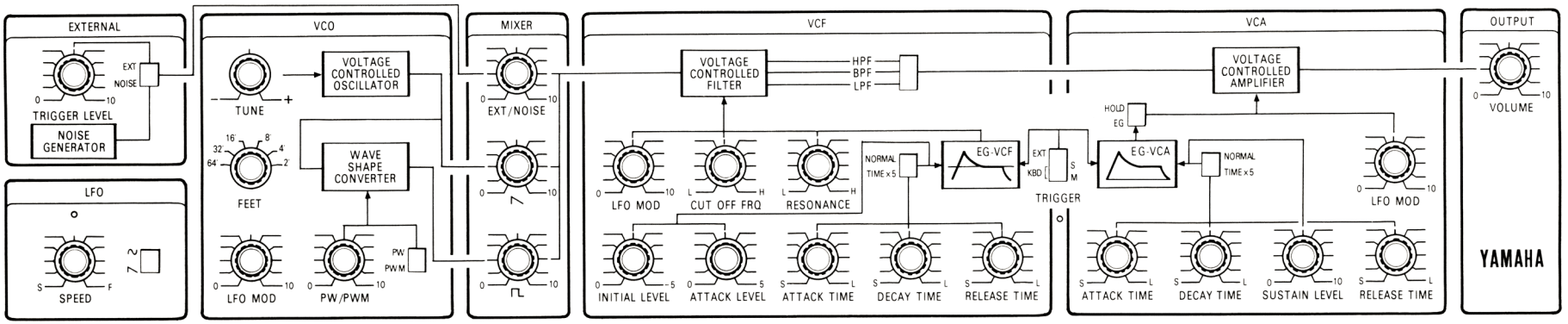


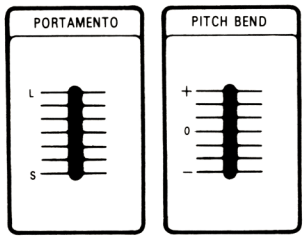
Date

CS-10

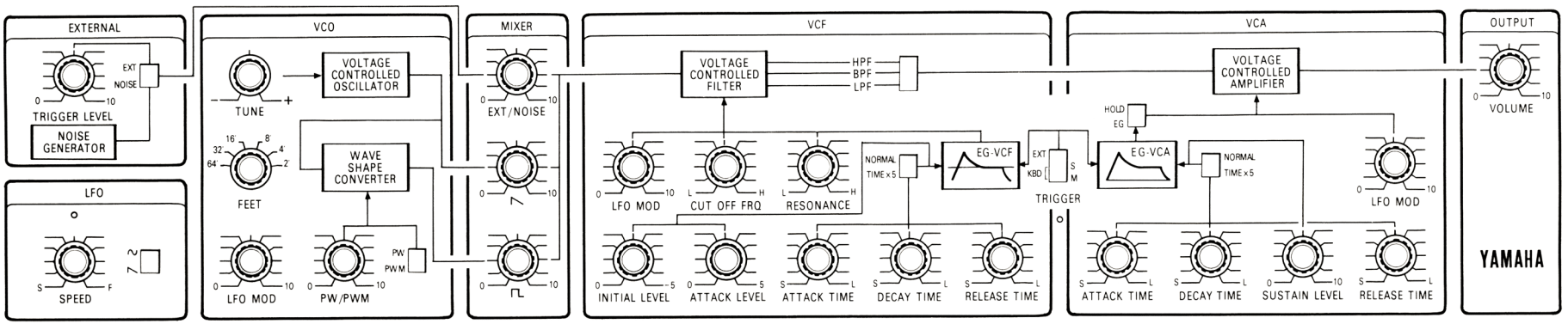
for your original sound

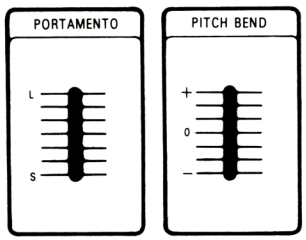
SOUND MEMO





Date

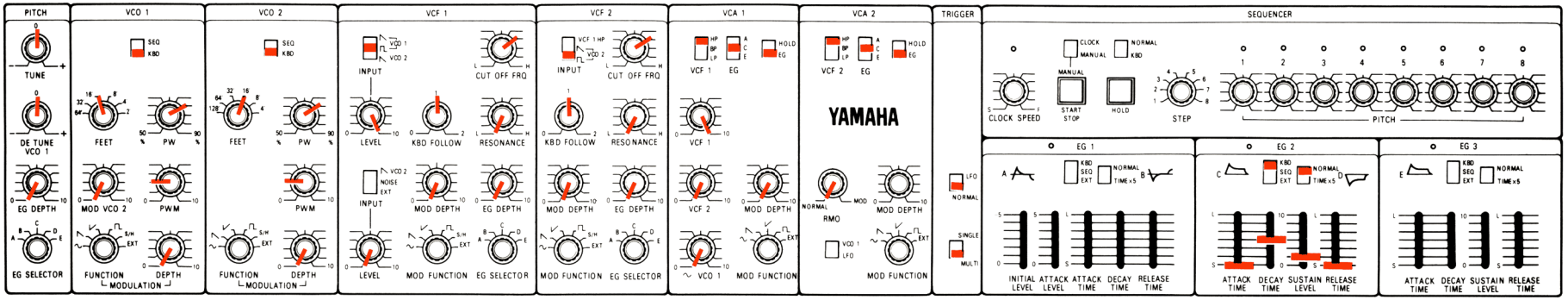




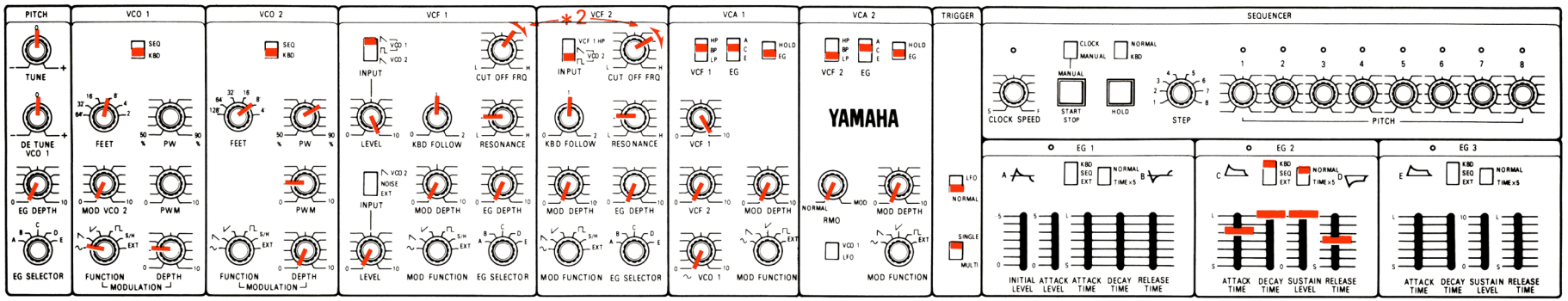
Date

for your original sound

HARPSICHORD



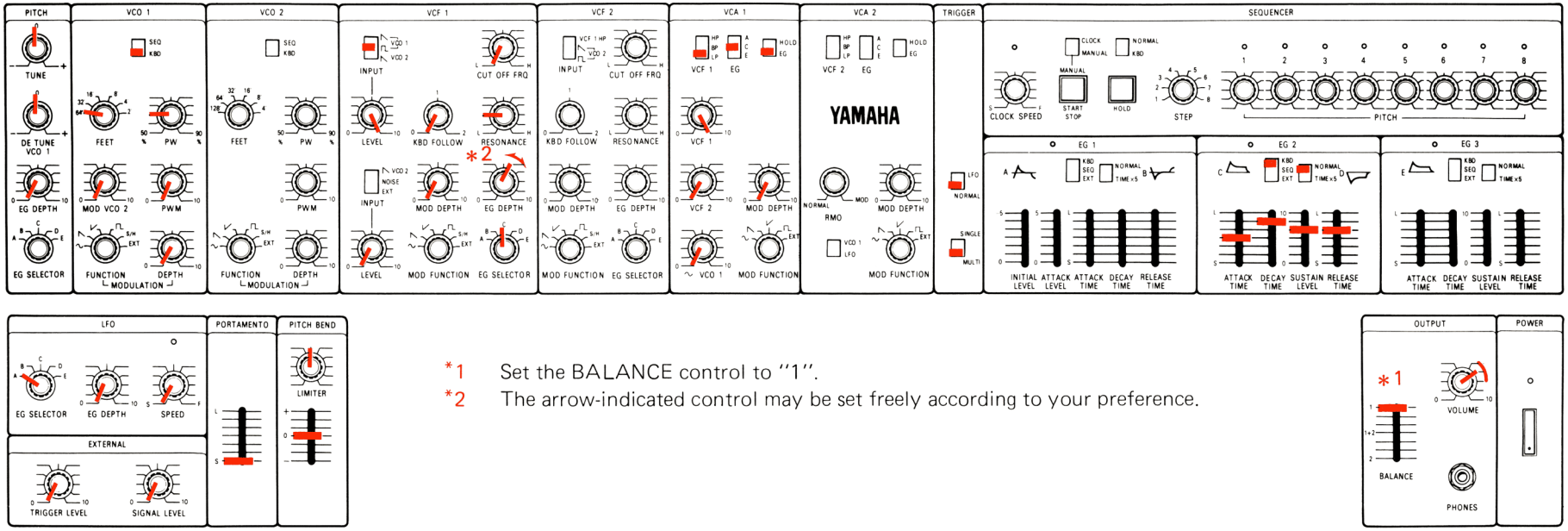
* Set the LFO SPEED to "3".



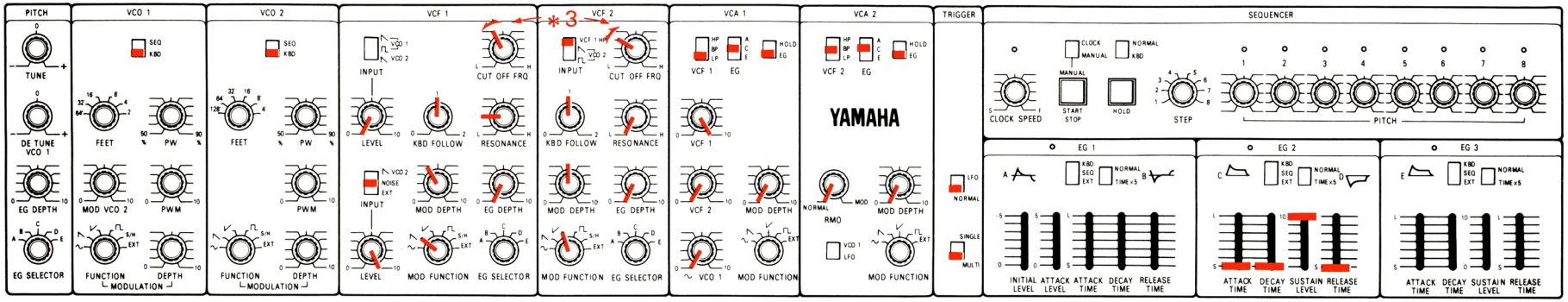
*1 Set the LFO SPEED to "6".
*2 Set the controls indicated by the arrows in a free manner to suit your taste.
*3 Some portamento may also be added.

STRING ENSEMBLE

BRASSY BASS



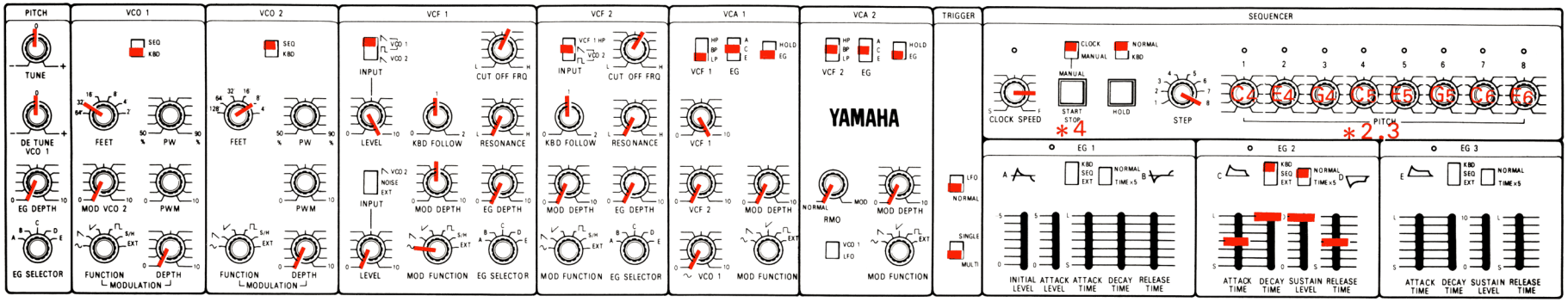
*1 Set the BALANCE control to "1".
*2 The arrow-indicated control may be set freely according to your preference.



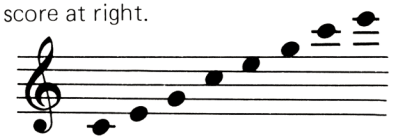
*1 Set LFO's speed to one you prefer (e.g., to "6").
*2 Set the BALANCE control to "1 + 2".
*3 Adjust the CUT OFF FRQ. controls indicated by arrows.
*4 The tone will change according to the key you depress.

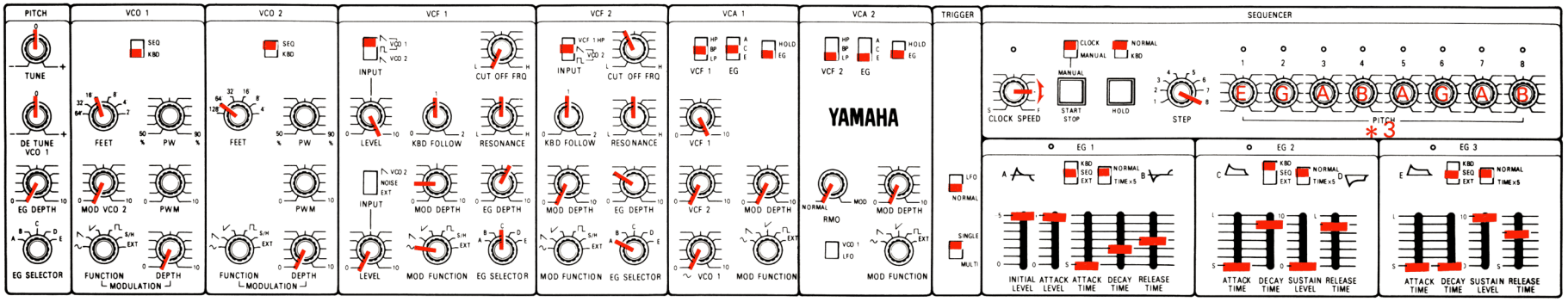
STEAM LOCOMOTIVE

BLUE SKY



*1 Set the LFO SPEED to "5".
*2 Refer to Owner's Manual for setting of sequencer pitches.
*3 Set the sequencer pitches to those shown by the score at right.
*4 Do not forget to push the START button when starting play.

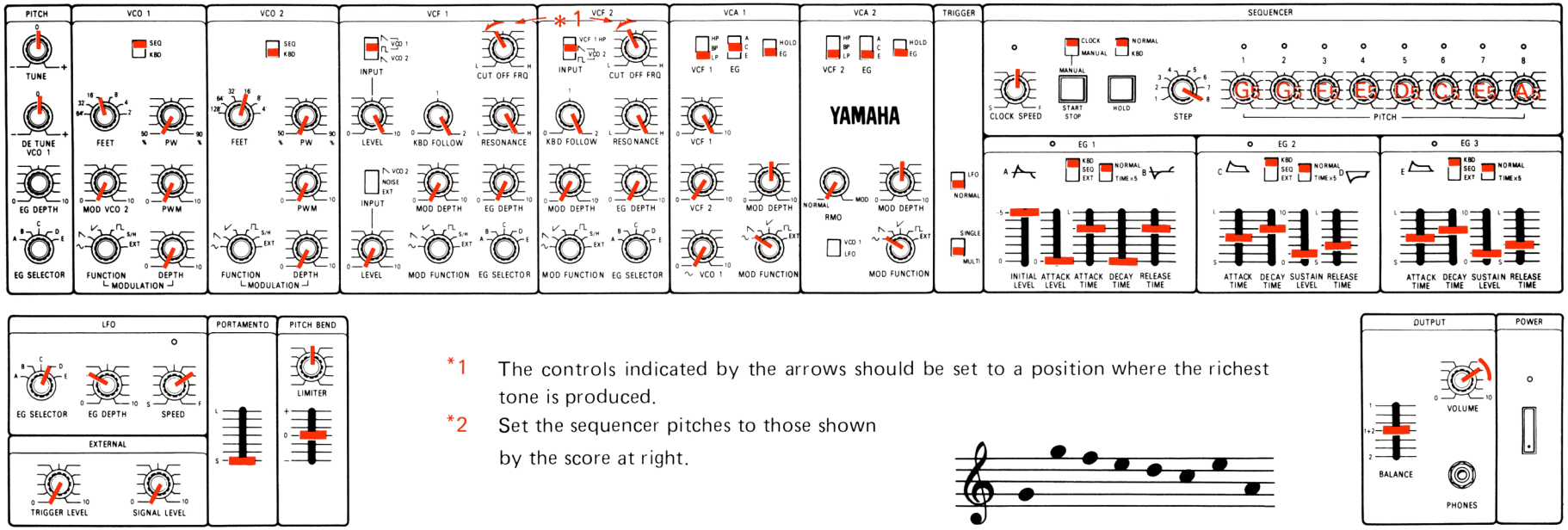




*1 Set the LFO SPEED to "6".
*2 While listening to the sounds of the sequencer, play an E Minor tune.
*3 Set the sequencer pitches to match E Minor code.

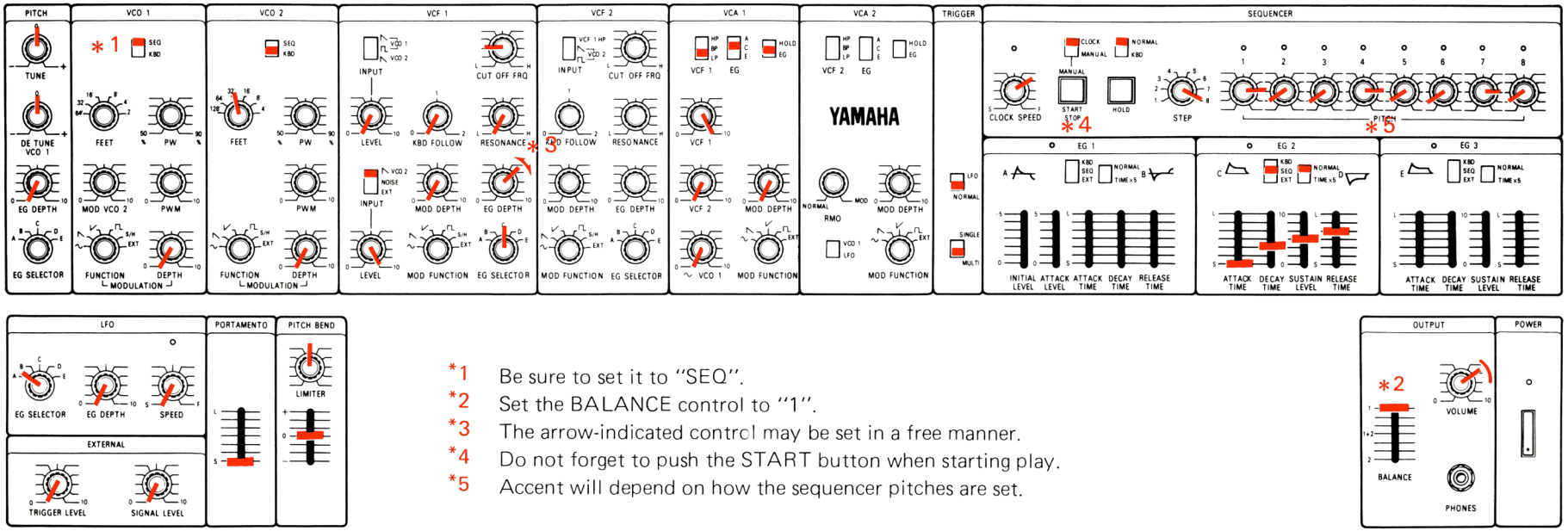
SEQUENCER PLUS MELODY

WHISTLES OF THE MILKY WAY



*1 The controls indicated by the arrows should be set to a position where the richest tone is produced.

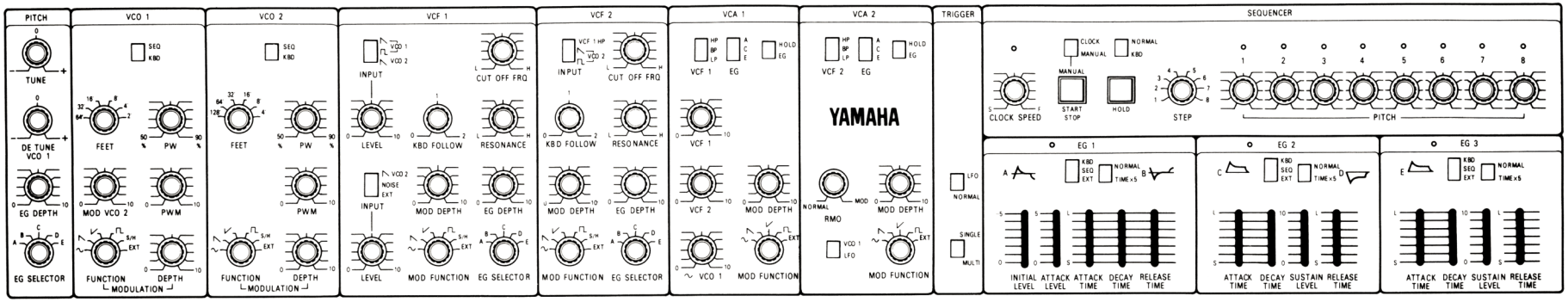
*2 Set the sequencer pitches to those shown by the score at right.

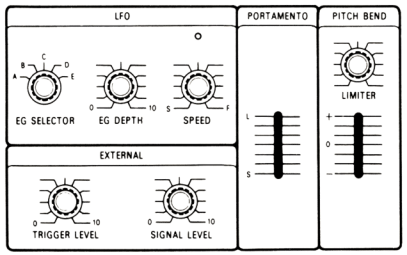


*1 Be sure to set it to "SEQ".
*2 Set the BALANCE control to "1".
*3 The arrow-indicated control may be set in a free manner.
*4 Do not forget to push the START button when starting play.
*5 Accent will depend on how the sequencer pitches are set.

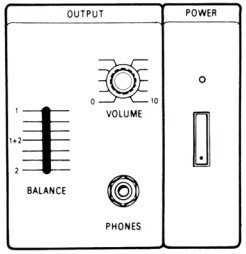
ACCENTUATED BASS

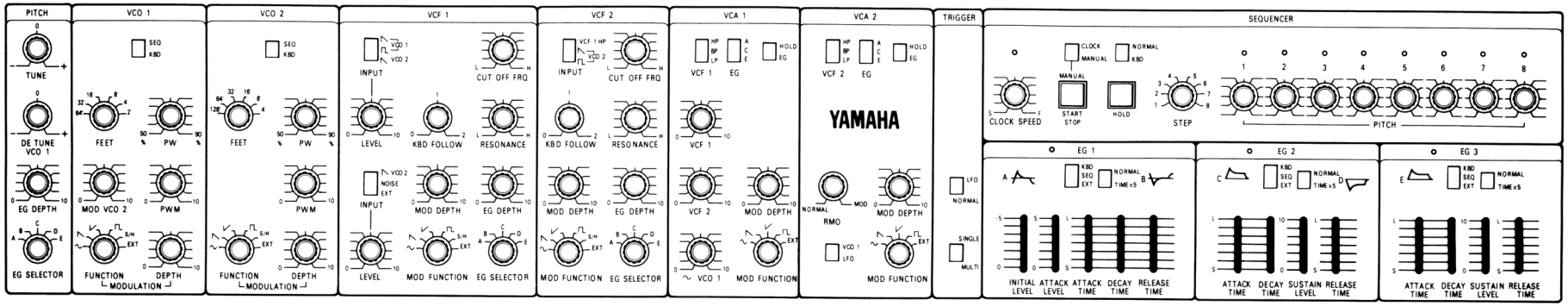
SOUND MEMO

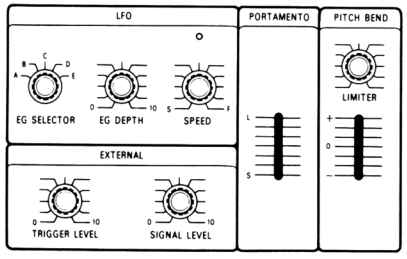




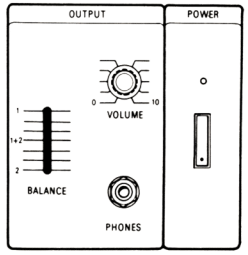
Date





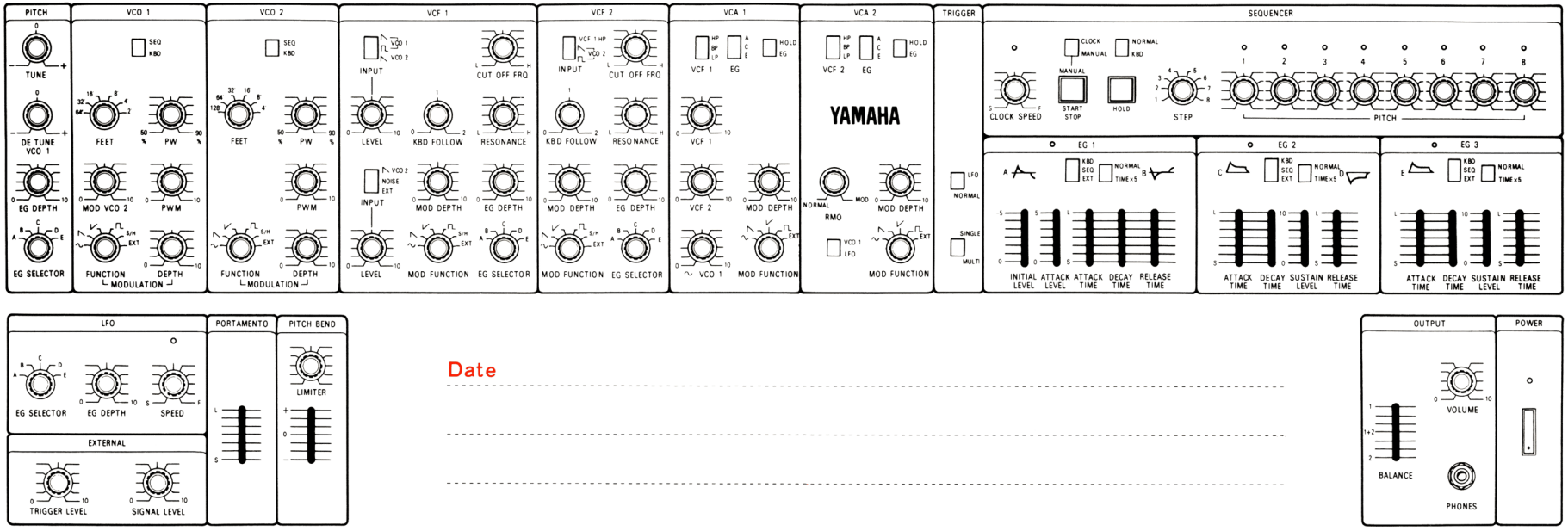


Date

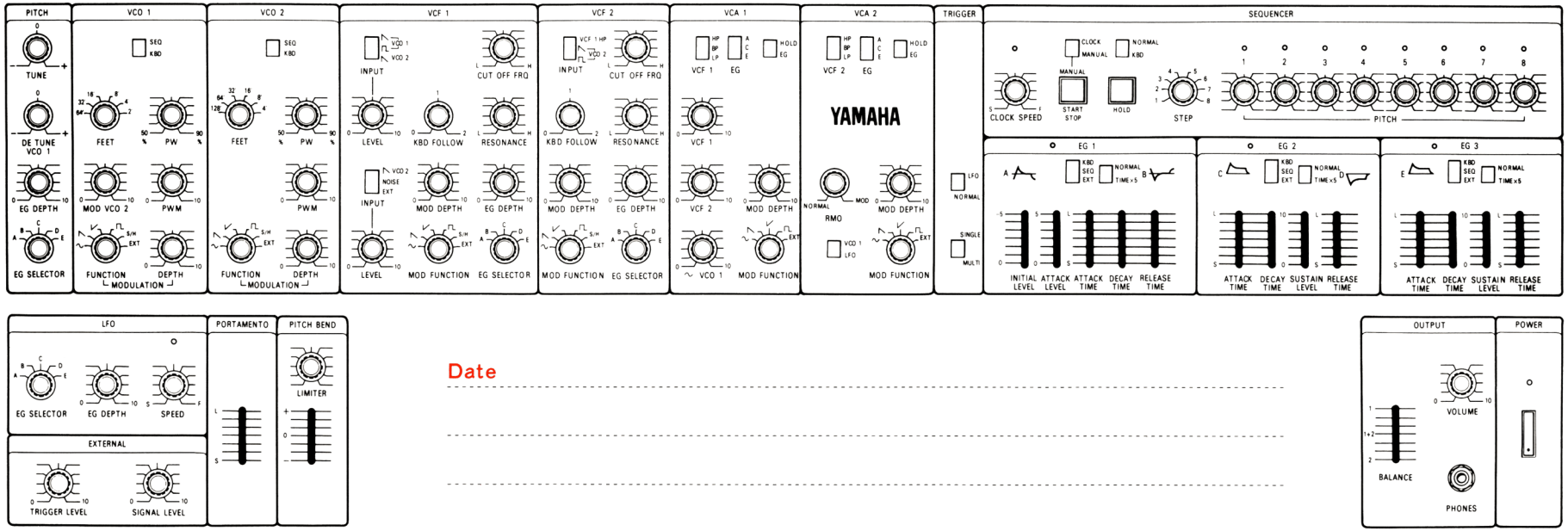


for your original sound

SOUND MEMO



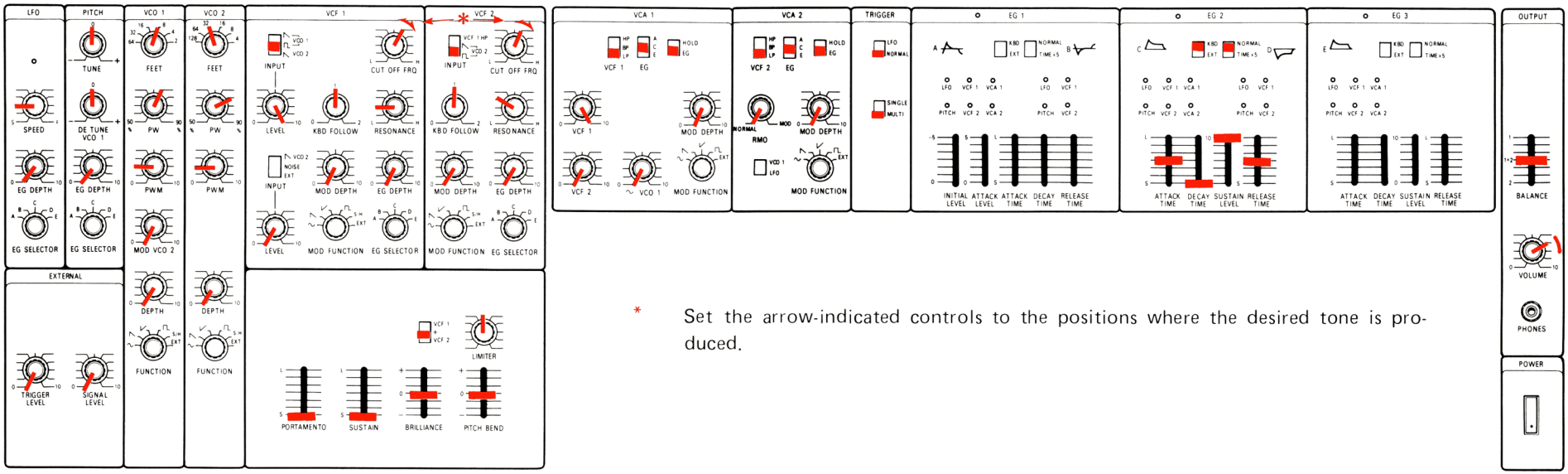
Date



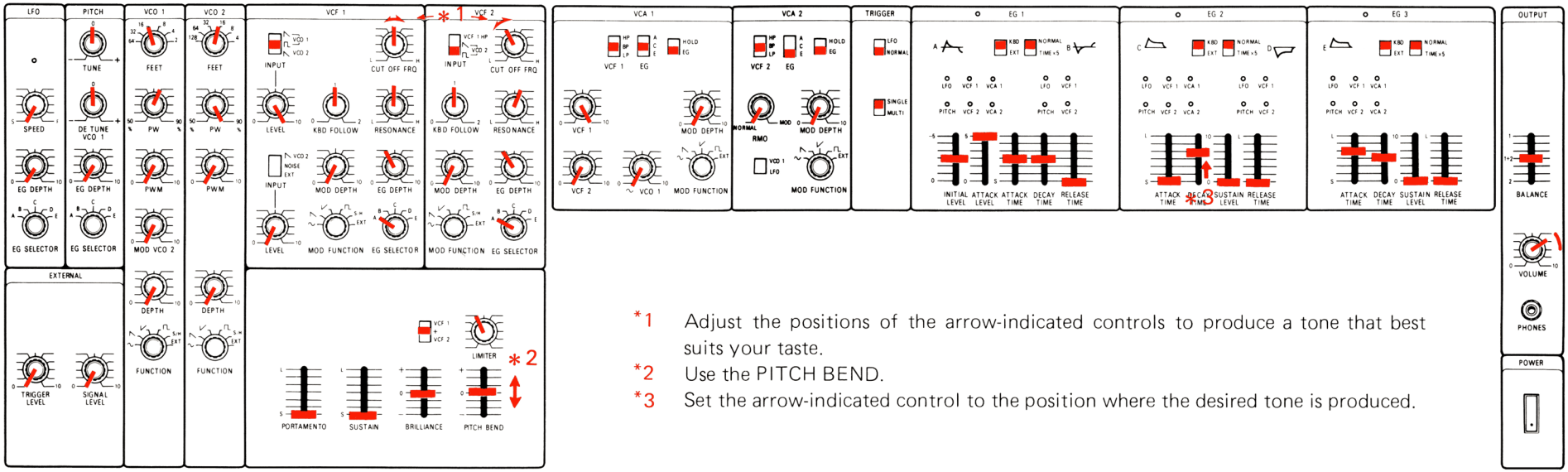
Date

for your original sound

PIPE ORGAN



* Set the arrow-indicated controls to the positions where the desired tone is produced.



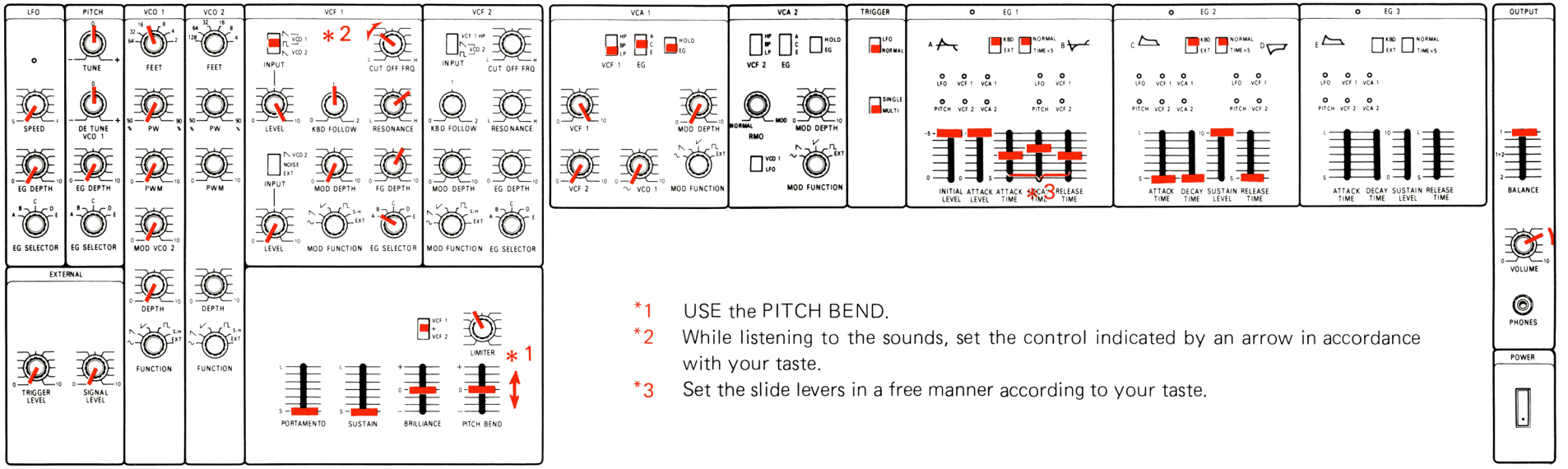
*1 Adjust the positions of the arrow-indicated controls to produce a tone that best suits your taste.

*2 Use the PITCH BEND.

*3 Set the arrow-indicated control to the position where the desired tone is produced.

SITAR

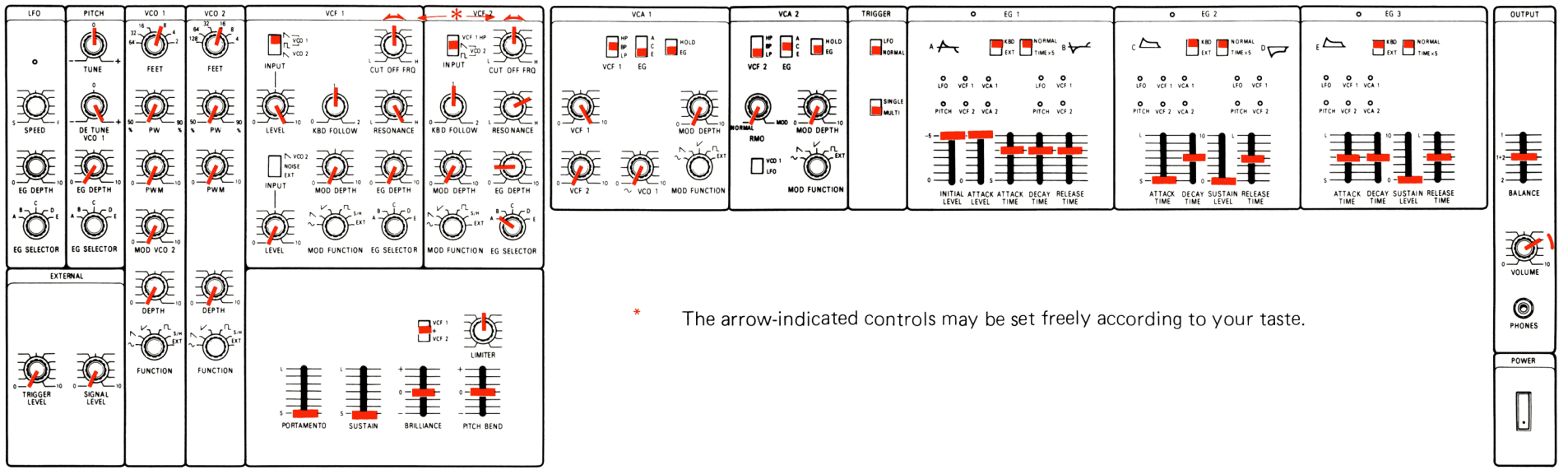
CLARINET THROUGH FUNK BOX



*1 USE the PITCH BEND.

*2 While listening to the sounds, set the control indicated by an arrow in accordance with your taste.

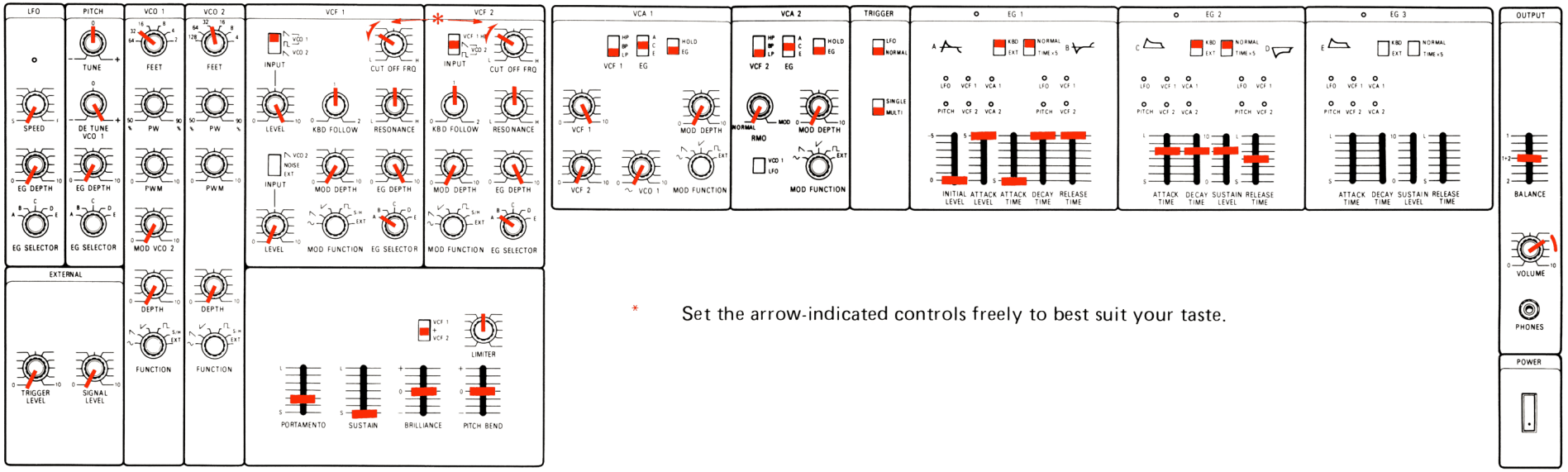
*3 Set the slide levers in a free manner according to your taste.



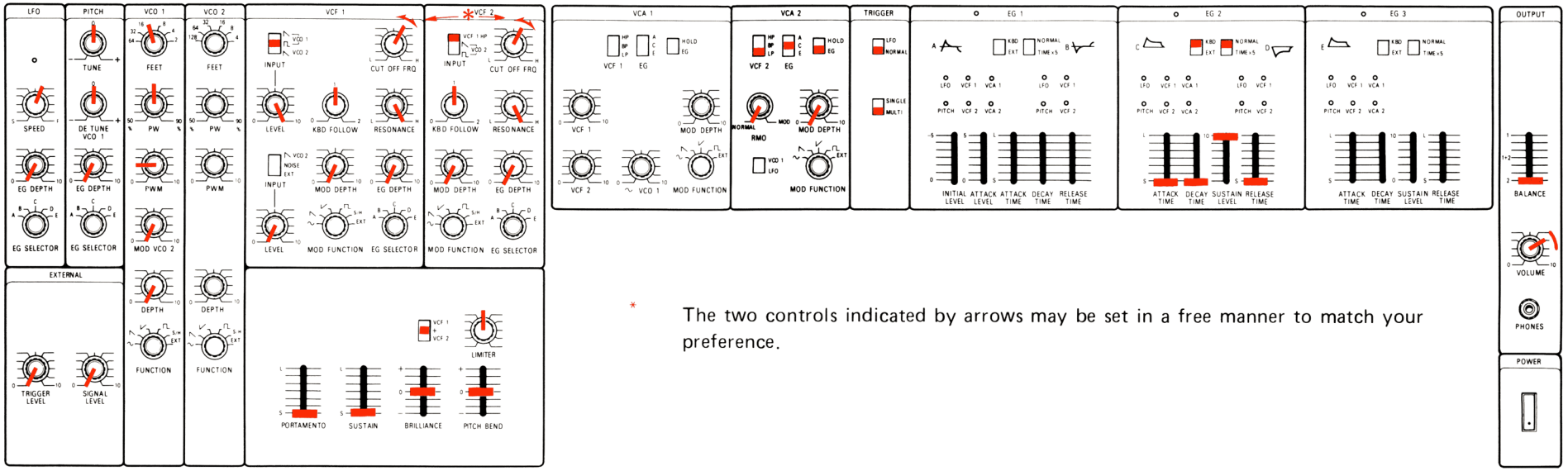
* The arrow-indicated controls may be set freely according to your taste.

STEEL DRUM

PLUS 5TH INTERVAL



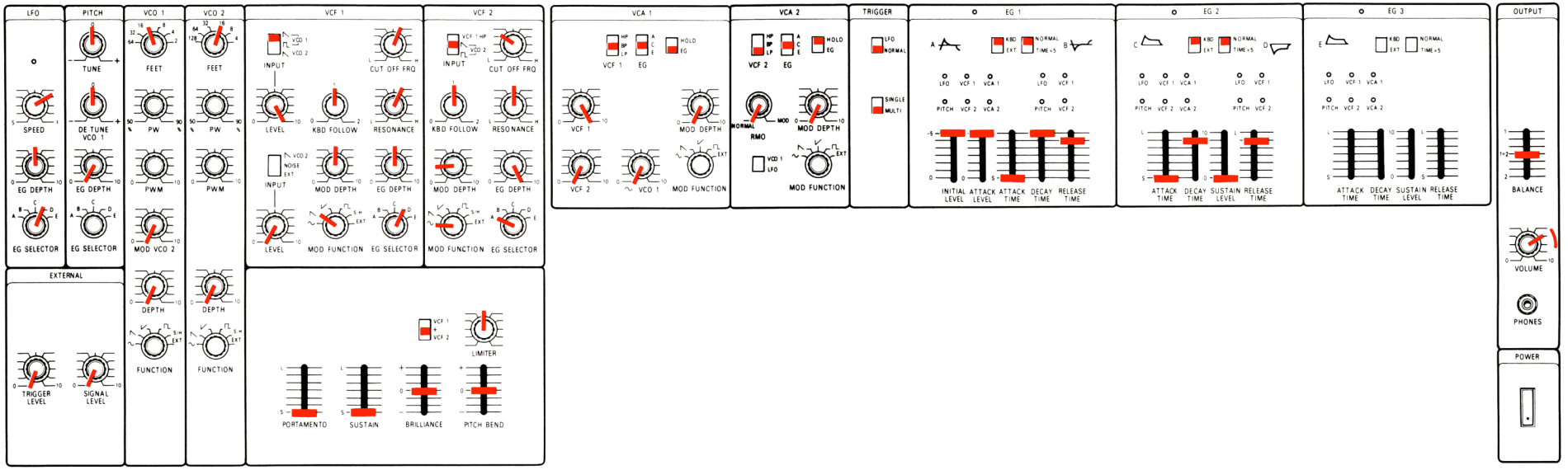
* Set the arrow-indicated controls freely to best suit your taste.

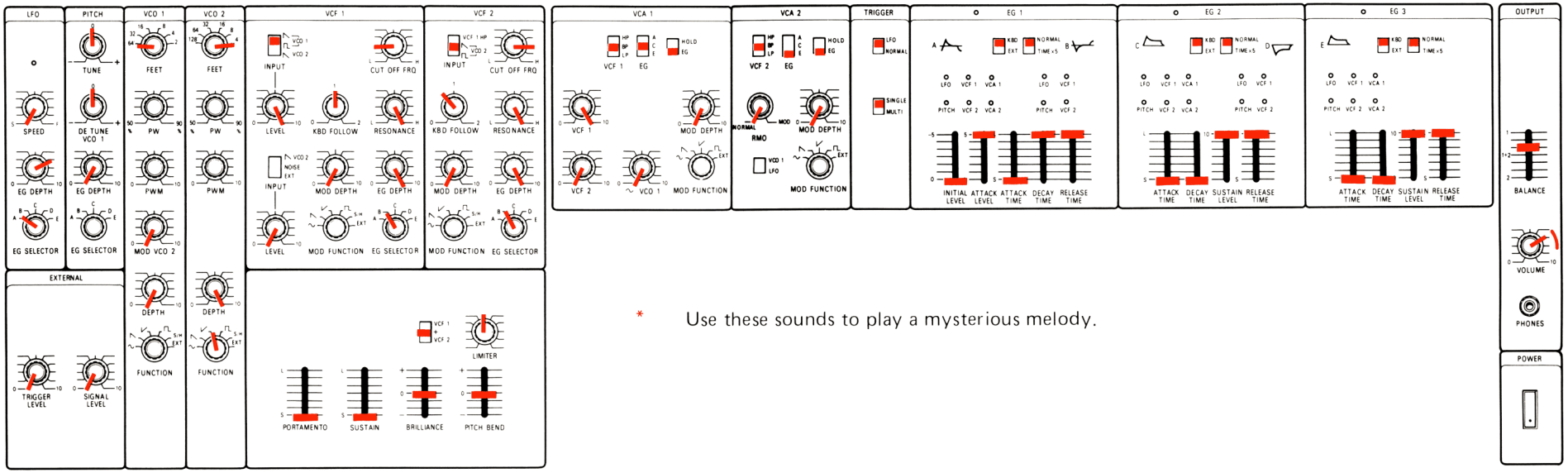


* The two controls indicated by arrows may be set in a free manner to match your preference.

LOVE SONG ON THE TELEPHONE LINE

PLAYFUL PING-PONG BALL

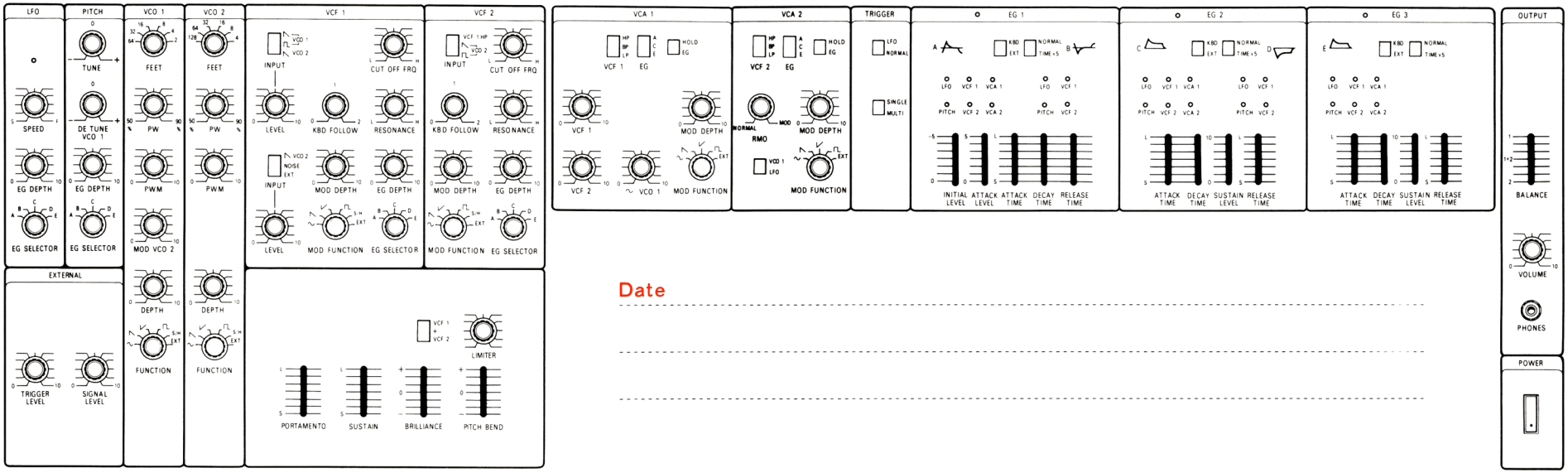




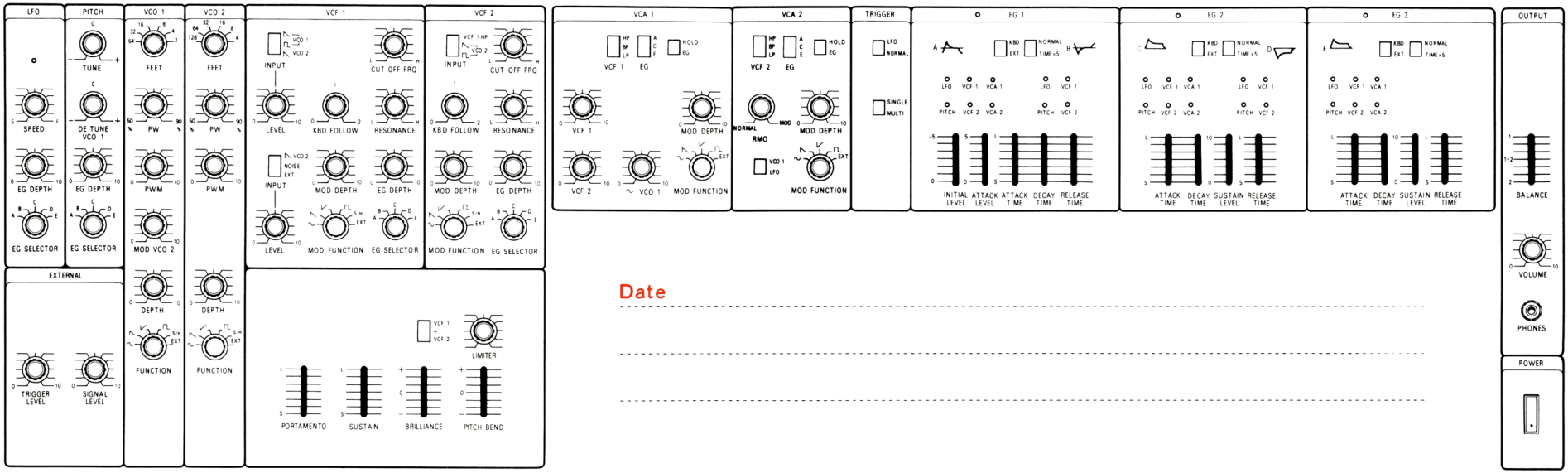
* Use these sounds to play a mysterious melody.

CRY FROM THE BOTTOM OF THE EARTH

SOUND MEMO



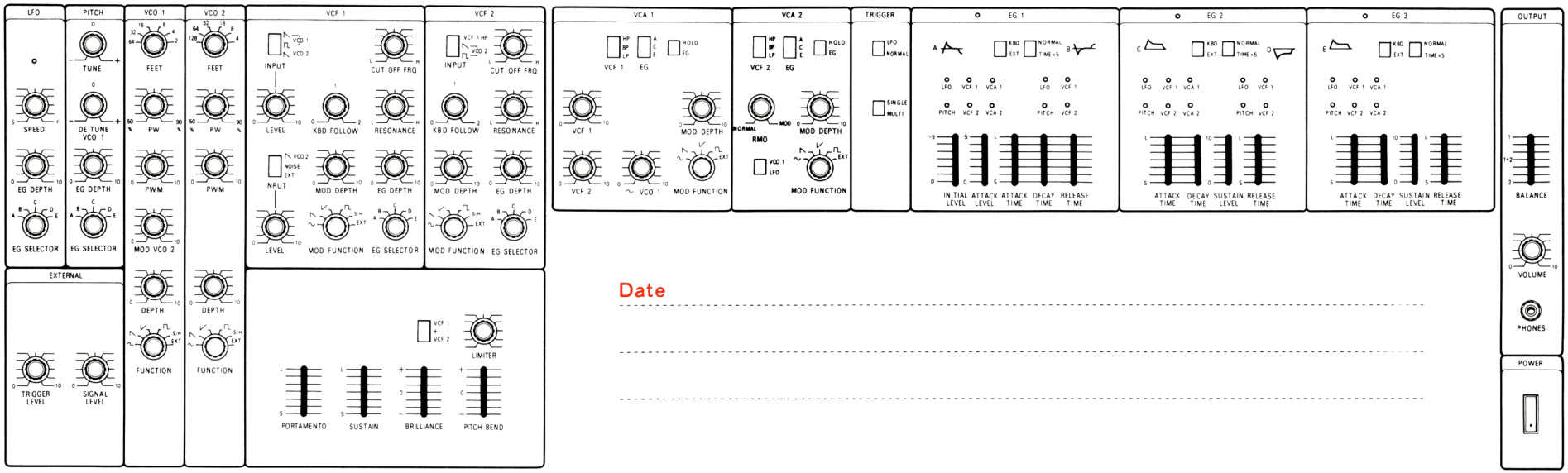
Date



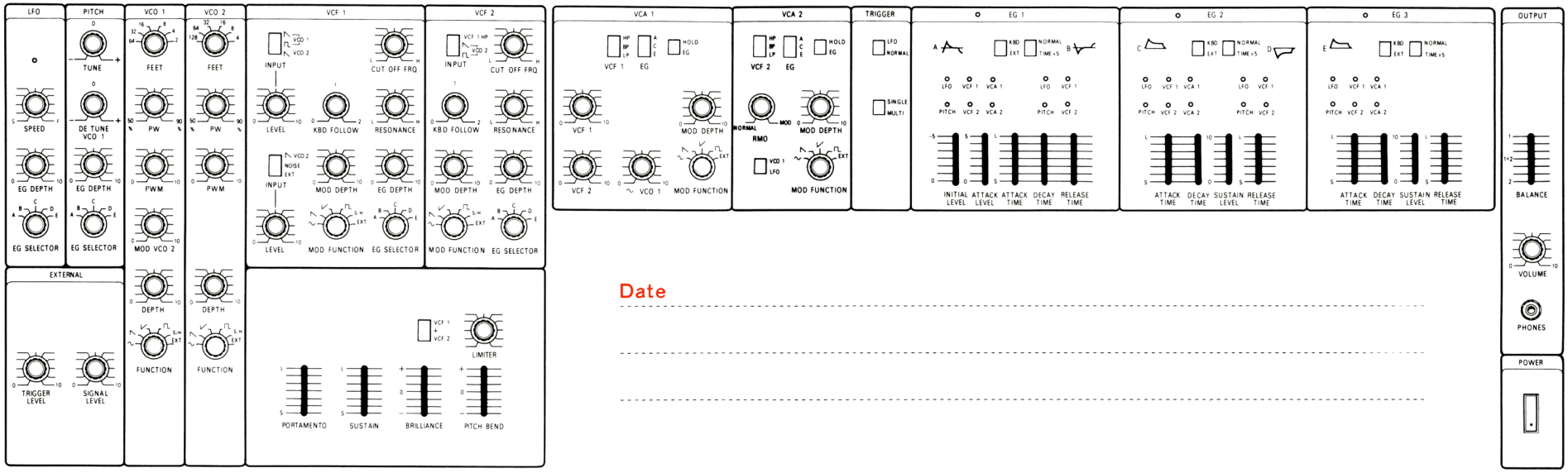
Date

for your original sound

SOUND MEMO



Date



Date

for your original sound

SINCE 1887

YAMAHA®

NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN

78210 Printed in Japan.