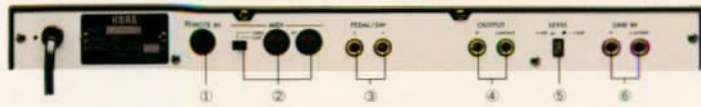## REAR PANEL

1. REMOTE IN: For connection of the optional FC6 foot controller. 2. MIDI terminals: For connection to MIDI instruments. The A2 can receive program change and system exclusive messages. A MIDI OUT/MIDI THRU switch is provided. 3. PEDAL/SW: For connecting a footswitch and volume pedal to control the A2's functions. 4.OUTPUTS (R, L/MONO): For stereo output of the processed signals. 5. LEVEL: For selecting the input/output level according to the application. The rear panel inputs and outputs are selectable between −10dB and +4dB. (The front panel "guitar input 2" is fixed at −20dB) 6. LINE IN (R,L/MONO): For connecting instruments such as keyboards and audio line signals.

SPECIFICATIONS

●Input Level/Impedance:[Line in] +4dBm(+19dBm MAX)/50KΩ, −10dBm (+5BmMAX)/ 50KΩ [Guitar in] −20dBm (−5dBmMAX)/ 1MΩ ●Output Level/Impedance: +4dBm (+19 dBm MAX)/470Ω, −10 dBm (−5 dBm MAX)/470Ω, Headphone Output Impedance: 10Ω ●A/D, D/A Conversion: 16-bit linear (D/A: 4 times oversampling digital filter is used.) ●Sampling Frequency: 37.1 KHz ●Frequency Response: 24 Hz〜18 KHz, +1.5/−3 dB ● Dynamic Range: 90 dB ●Memory: 100 internal programs +100 programs in memory card ●Effects: 44 groups, 102 effects (mono: 31 groups, 63 effects; stereo: 13 groups, 39 effects.) ●Display: 40-character LCD (backlit) × 1, 7-segment LED × 3, 5-element level meter ●Terminals: guitar in, line in (R, L/MONO), output (R, L/MONO), pedal switch (1,2) MIDI IN, MIDI OUT/THRU), remote in, headphone jack ●Power Requirements: Local voltage ●Power Consumption: 26W ●Size (W × D × H): 435 × 328 ×44mm (19"×12-15/16" ×1-3/4") ●Weight: 4.3kg (9 lbs., 14oz) ● Accessories:Rackmount adapters.

OPTIONS

●PEDAL SWITCH   PS-1/PS-2   ●VOLUME PEDAL   KVP-001   ●MEMORY CARD RAM MCR-03   ●HEADPHONE   KH-1000

●HARD CASE
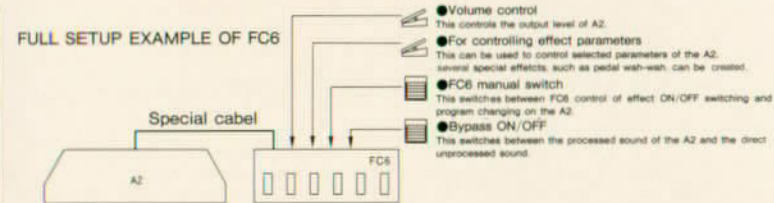HC-IU/HC-2X (for A2 & FC6)

HC-2X

●LIGHT BAG   LB-60

●SYNC/MIDI CABLE 1.5m/3m/5m/1+0.5m

●The ROM cards in this continually growing series allow you to add new effects and chains, giving the A2 virtually limitless potential.
SPC-01 GUITAR CARD·SPC-02 STUDIO CARD·SPC-03 GENERAL PURPOSE
SPC-04 GUITAR CARD Ⅱ·SPC-05 KEYBOARD CARD
SPC-06 N.Y.C. GUITAR CARD

FC6 FOOT CONTROLLER

FULL SETUP EXAMPLE OF FC6

Special cabel

●Volume control
This controls the output level of A2.
●For controlling effect parameters
This can be used to control selected parameters of the A2, several special effetcts such as pedal wah-wah, can be created.
●FC6 manual switch
This switches between FC6 control of effect ON/OFF switching and program changing on the A2.
●Bypass ON/OFF
This switches between the processed sound of the A2 and the direct unprocessed sound.

Foot-controlled program changes and effet ON/OFF switching can be performed by connecting the optionally available FC6 Foot Controller. It is also possible to send volume information to the A2 by connecting up to 2 volume pedals directly to the FC6. Effect parameters such as wah-wah, panning and pitch shift can be changed continuously by use of volume pedals, further expanding the performance potential of the A2. ●Size: 440(W) ×160(D) ×43(H) mm (17-5/16"×6-5/16"×1- 11×16") ●Weight: 1.4kg (31bs., 1oz.) (including batteries)
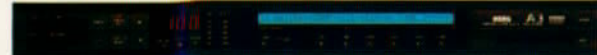
[KORG PERFORMANCE SIGNAL PROCESSOR A-SERIES]

A1 PERFORMANCE SIGNAL PROCESSOR

Professional multi-effect unit with studio quality sound. Provides a wide selection of 60 effect groups and the unlimited creative potential of multi-effect processing.
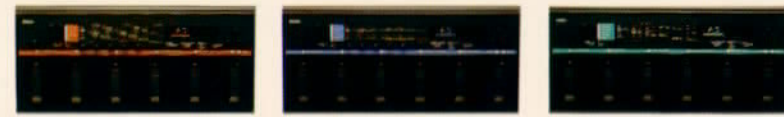
A3 PERFORMANCE SIGNAL PROCESSOR

This versatile multi-effect unit has 41 effects and 20 different chains. It also allows you, through the use of ROM cards, to load additional effects and chains as desired.

A5 PERFORMANCE SIGNAL PROCESSOR

GUITAR   MULTI-FX   BASS

A programmable and compact multi-effect device providing instant access to a wealth of high quality effects.

●Specifications and features are subject to change without notice for further improvement. ●Color reproduction in printed materials may differ from actual product appearance.

KORG

[THE KORG
PROFESSIONAL
PERFORMANCE
SERIES]

PERFORMANCE SIGNAL PROCESSOR

A2

102 SEPARATE EFFECTS AND 97 EFFECT CHAINS
PROFESSIONAL QUALITY, STUDIO SOPHISTICATION

Korg's pioneering efforts in sound creation and signal processing have consistently led the field.
Now, the new Korg A2 Performance Signal Processor is the premier effect device for the '90's,
featuring 102 high quality effects and 97 effect chains built into a single space rack-mount package.
Plus, new chains and effects programs can be added from memory cards. The A2's unprecedented wealth of expressive power and creative
potential, plus professional quality and easy operation that make it the machine of choice for everyone
— from guitarists and keyboard players to studio engineers.

●Wide Selection of Effect 44 Groups, 102 Effects

Effect devices are an indispensable part of the sound creation process. The A2 has a more extensive selection of effects than any other multi-effect device: a total of 44 groups and 102 effects, including reverb, distortion, exciter and chorus. There are 63 effects in the 31 mono effect groups and 39 effects in the 13 stereo effect groups.

For guitar applications, the distortion/overdrive effect programs include 4 separate groups and 12 effects variations including "Super Distortion" and "Tube Overdrive". Korg has developed an original digital signal processing technology that effectively recreates the overtone sound elements heard in actual overdriven amplifiers, giving guitarists the sound that they expect from a distortion effect. The programs in the modulation/delay group, including "Multi-tap Chorus" and "Multi-tap Delay," let you make your sound as subtle or as wild as you want. The "Stereo Exciter" program allows you to adjust the low and high frequencies to create a dynamic stereo effect, perfect for enhancing keyboard sounds or for use in the recording studio.

The A2 provides smooth variation between its parameter values due to precise incremental control. It effectively eliminates signal impurities through the use of Digital Noise Reduction. The signal never leaves the digital domain throughout the processing, resulting in exceptionally clear and quiet sound reproduction.

EFFECT VARIATIONS

GROUP	EFFECT NAME
COMP	COMPRESSOR
LIMITER	LIMITER
C/L	COMP/LIMITER
DIST	DISTORTION 1
	DISTORTION 2
	OVERDRIVE 1
	OVERDRIVE 2
HDIST	HARD DIST
	TUBE OVERDRIVE
HDIST 2	HARD DIST 2
	TUBE OVERDRIVE 2
SDIST	SUPER DISTORTION 1
	SUPER DISTORTION 2
	SUPER OVERDRIVE 1
	SUPER OVERDRIVE 2
EQ	3 BAND EQUALIZER
EQ I	NEW 3 BAND EQUALIZER
XCITE	EXCITER
S XCITE	STEREO EXCITER
PITCH	PITCH SHIFTER
S PITCH/DLY	STEREO PITCH SHIFT/DLY 1
	STEREO PITCH SHIFT/DLY 2
S SIM	SPEAKER SIMULATION 1
	SPEAKER SIMULATION 2
	SPEAKER SIMULATION 3
MOD	STEREO CHORUS 1
	STEREO CHORUS 2
	STEREO FLANGER 1
	STEREO FLANGER 2
M DLY	MODULATION DELAY 1
	MODULATION DELAY 2
MOD I	STEREO CHORUS 3
	STEREO CHORUS 4
	STEREO FLANGER 3
	STEREO FLANGER 4
ENS	ENSEMBLE
A. PAN	AUTO PAN 1
	AUTO PAN 2
PHASE	PHASER 1
	PHASER 2
S PHASE	SPACE PHASER 1
	SPACE PHASER 2
P EQ	PARAMETRIC EQUALIZER
R SPK	ROTARY SPEAKER 1
R SPK2	ROTARY SPEAKER 2
S DLY	STEREO DELAY
	CROSS DELAY
DELAY	DELAY 1 (LONG)
	DELAY 2 (SHORT)
	DELAY 3 (DOUBLING)
L DLY	LONG DELAY 1

GROUP	EFFECT NAME
L. DLY	LONG DELAY 2
	LONG DELAY 3
T DLY	TEMPO DELAY
M. T. DLY	MULTI TAP DELAY 1
	MULTI TAP DELAY 2
	MULTI TAP DELAY 3
	MULTI TAP DELAY 4
	MULTI TAP DELAY 5
	MULTI TAP DELAY 6
M. T. CHORUS	MULTI TAP CHORUS 1
	MULTI TAP CHORUS 2
BAND CHORUS	BAND CHORUS 1
	BAND CHORUS 2
	BAND CHORUS 3
	BAND CHORUS 4
DYN MOD	DYNAMIC MODULATION 1
	DYNAMIC MODULATION 2
	PEDAL MODULATION 1
	PEDAL MODULATION 2
REVERB	ROOM 1
	ROOM 2
	HALL 1
	HALL 2
	PLATE 1
	PLATE 2
REV I	ROOM 3
	HALL 3
	PLATE 3
DRIVER	DRIVER 1
	DRIVER 2
	DRIVER 3
	DRIVER 4
GATE	GATE
GATE I	NEW GATE 1
	NEW GATE 2
PAN	PEDAL PAN
WAH	PEDAL WAH
AUTO WAH	AUTO WAH 1
	AUTO WAH 2
E. REF	EARLY REFLECTION 1
	EARLY REFLECTION 2
	EARLY REFLECTION 3
SPACIAL REV	SPACIAL ROOM 1
	SPACIAL ROOM 2
	SPACIAL HALL 1
	SPACIAL HALL 2
	SPACIAL PLATE 1
	SPACIAL PLATE 2
STEREO LIM	STEREO LIMITER L
	STEREO LIMITER R
4CH MIXER	4CH MIXER

●Simultaneous Use of Up to 6 Effects Plus Comprehensive Signal Routing With 97 Effect Chains
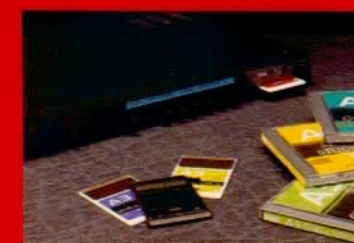
In addition to the extensive parameter editing and the bypass capabilities of the various effect programs, the A2 can memorize the signal routing patterns of the effects and 200 programs (100 internal and 100 in card memory), and can call each up immediately.

The A2 has 97 chains which contain a maximum of 6 effects, capacities unavailable in conventional single effects units. There are 21 preset stereo chains, which take advantage of stereo effects, and 76 mono chains. The effect routing possibilities are extensive: Effects can be linked in series, in which one effect is followed by another, or in parallel, in which two independent mono effect lines are used simultaneously. These routing patterns and chains make every kind of signal processing application possible, from standard settings to wild special effects. In addition to the mono input for guitar, the A2 features a set of stereo inputs for keyboards and line level signals, such as from multitrack tape recorders.

(Examples of some of the more versatile and widely variable effect chains.)

●Uncompromising Sound Quality Total Digital Signal Processing

The A2 provides stereo effect chains for true stereo effect operation using stereo inputs and outputs. The internal memory has 100 programs which can be selected instantly. Some of the outstanding effect programs include "VALVES I" which recreate the warm distortion of a tube amplifier; a multi-purpose room simulation program called "LIVE RM." and "STRING 1" which is perfect for providing the depth and richness of string section sounds.

The A2 features a specially developed DSP IC for multiple effect processing, keeping the signal completely digital. Consequently, the A2 completely eliminates the signal degradation that is caused by repeated A/D (analog to digital) and D/A (digital to analog) conversions when using several single function effect units together. All the clarity and dynamic range of the original sound carries through straight to the output. Moreover, the 4-times oversampling digital filter contributes to the overall exceptional sound quality.

●Expansion Capability Effect Memory and Data Cards

New chains and parameter settings can be stored on a MCR-03 RAM card as well as in the internal memory. The wealth of instantly accessible chains make the A2 an extraordinarily flexible tool for any and all applications: one moment a powerful guitar effect unit, the other a sophisticated studio processor. Add the separately available effects and chains to the wide range built-in effects, and you've got a powerful signal processor whose performance potential is virtually unlimited. The variety of cards developed originally for the Korg A3 can also be used with the A2, with more cards due for release in the future. This is one piece of equipment that will never become obsolete.

●Flexible, Sophisticated Operation

By using the special FC6 foot controller and cable, full control of program changes, switching effects on and off, changing effect volume and even controlling effect parameters are possible. This provides smooth and instant effect control even in live performance situations. The A2 also has a performance play function that lets you control up to six parameters each program in real time. Program changes can be both transmitted and received via MIDI. Double function editor controls are conveniently placed to correspond the parameters on the LCD display. The comprehensive display provides greater ease of operations, particularly the editing effect programs. An effect program compare function also facilitates editing by letting you hear differences in the sound as you change parameters.