To play Demo Songs stored in the VE-RD1, do as follows.

1. Press <PARAMETER SELECT>**[PGM CAHNGE]** and **[AUX2]** in simultaneously.

2. Select a demo song you wish to hear using <SEQUENCER CONTROL> **[SONG SELECT]**.

3. Press <SEQUENCER CONTROL> **[START/STOP]** to start playing the song.

4. To stop playing, press **[START/STOP]** again.

5. Press <DATA ENTRY> **[EXIT]** to return to the previous mode before playing the demo song.
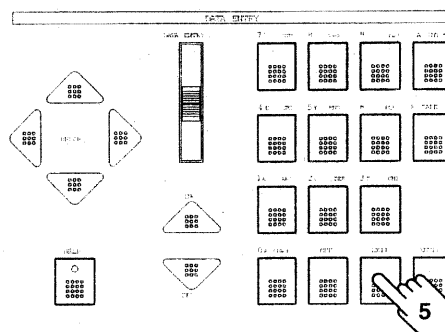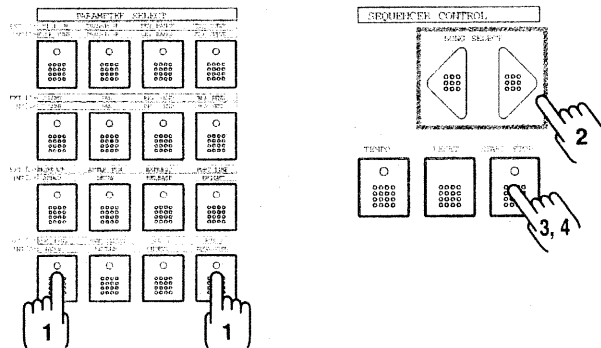
SONG 1, 2   Scott Wilkie Copyright © 1995, Scott Wilkie Media (ASCAP)

SONG 3   Scott Tibbs   Copyright © 1995, Roland Corporation US

● Composer Profiles

Scott Wilkie

Scott Wilkie is a contemporary jazz recording artist, based in southern California. He tours frequently with his own band, and also appears as an artist for Roland in the U.S., Japan, Europe and South America. His debut solo album, Boundless, was released worldwide in 1999 on Narada/Virgin Records. You can find him on-line at www.scottwilkie.com.

Scott Tibbs

Scott Tibbs has performed and conducted for several orchestral groups, including the Atlanta Symphony Orchestra, throughout the United States, Canada, Latin America, and Japan. His diverse compositional output ranges from numerous film, theater and television projects to the symphonic concert stage. For the past four years, he has been teaching music composition and theory at UCLA where he has received a Ph.D. degree in composition. He has performed with well-known artists Dizzy Gillespie, Bill Cosby, Jerry Sienfeld, and Bobby Shew, amongst numerous others.

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Switching ON and OFF Whether to Transmit "Reset All Controller" (EDIT: SYS: CTRL E32)

Normally, when you change Performances, the A-90/EX transmits a Reset All Controllers message, and then transmits the settings of the Performance you choose to each Zone. You can select whether to transmit this "Reset All Controller" for each Zone when you change the Performance.

CC Reset w / Perf = OFF: When switching to a new Performance, the last value sent by the slider will still be active on that Zone. For example, if the Expression slider is brought to 0 to fade out a string sound, the strings will still have Expression 0 when the new Performance is selected, and they will not sound.

CC Reset w / Perf = ON: When switching to a new Performance, each Zone enabled will transmit a Reset All Controller message. If the Expression slider is brought to 0 to fade out a string sound now, Expression will be reset to 127 when the new Performance is selected, and strings will return to their normal level.

Reset All Controllers is a single standard message, not a set of controller messages, that typically will reset volume, expression, panning, modulation, pitch bend, and/or aftertouch. Refer to the MIDI implementation chart for each instrument to determine how it will respond to a Reset All Controllers message.

1. Change to the Edit mode, use the menu or the shortcut number to choose "CC Reset w / Perf".

```
E32   CC Reset w/Perf  ▴
```
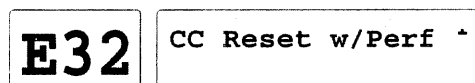
2. Set whether to transmit "Reset All Controller" to each Zone using the corresponding ZONE switch.
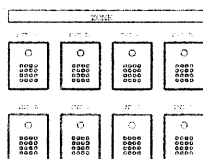
These settings are saved automatically as a system setting.

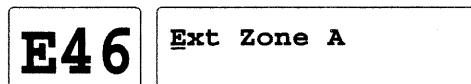## Set Comments to Each Zone (EDIT: PERF: COMMON E46)

You can set simple comments to each Zone, such as the settings of the Zone, or the name of connected sound source, and so on.

Press the corresponding ZONE switch, then the MIDI OUT switch that the Zone are to output flashes and the comments you set are shown on the screen.
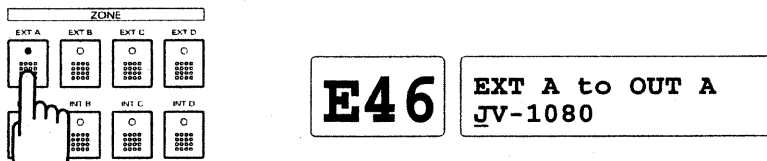
<How to set comments>

1. Change to the Edit mode, use the menu or the shortcut to choose Comment Setting Screen.

If you have not set the comments, the factory preset comments are shown on the screen.

```
┌──────┐ ┌──────────────────────┐
│      │ │                      │
│ E46  │ │ Ext Zone A           │
│      │ │                      │
└──────┘ └──────────────────────┘
```

2. Press the Zone switch for the Zone you wish to set a comment for.


```
┌──────┐ ┌──────────────────────┐
│      │ │ EXT A to OUT A       │  °
│ E46  │ │ JV-1080              │
│      │ │                      │
└──────┘ └──────────────────────┘
```

3. Enter comments using DATA ENTRY. (For entering text, take a look at p.10 of Volume 2.)

You can set the comment of 17 letters x 2 lines to each zone.

You can save these settings as a Performance. (p. 26 of Volume 1, p. 44 of Volume 2)

Settings are lost when the Performance is switched or the power is turned off unless you save them. (They are saved automatically and are available at the Manual mode.)

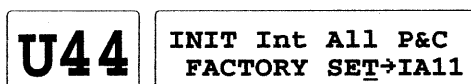# When the VE-GSPro is Installed in the A-90/EX

Loading a Performance appropriate for the Voice Expansion Board

When you use the VE-GSPro for the first time, please perform the following procedure.

This will write settings appropriate for the Voice Expansion Board into the A-90/EX (refer to p.44 of Volume 1 manual).

Internal settings will be overwritten and lost. If necessary, please backup the settings on a memory card, etc.

1. Press the <FUNCTION> **[UTILITY]** twice in succession. (double-click)

2. Press the numeric keys in the order of **[4] [4] [ENTER]**.

```
┌──────┐ ┌──────────────────────┐
│      │ │ INIT Int All P&C      │
│ U44  │ │ FACTORY SET→IA11      │
│      │ │                      │
└──────┘ └──────────────────────┘
```

3. Finally press **[ENTER]**, and a message will ask whether you wish to initialize the performance data. Press **[ENTER]** once again to initialize the data.

Listening to the Demo Songs

1. Press <PARAMETER SELECT> **[PGM CAHNGE]** and **[AUX2]** simultaneously.

2. Press the <SEQUENCER CONTROL> **[START/STOP]** to start playing the song.

3. To stop playing, press **[START/STOP]** again.

4. Press the <DATA ENTRY> **[EXIT]** to return to the previous mode before playing the demo song.

Selecting sounds

When the VE-GSPro is installed, there are two ways to select sounds.

You can either load a **Patch**, or directly select individual **Tones**.

A **Patch** is a combination of four **Tones**, and also contains **multi-effect (MFX)** settings.

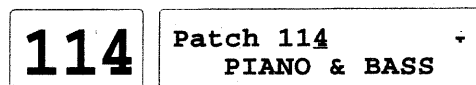* *Data that corresponds to a **Patch** on the VE-RD1 is referred to on the VE-GSPro as a **Tone**.* → *Volume 1 p.16*

● Loading a patch

* *When you switch **patches**, the **multi-effect (MFX)** settings will change along with the combination of **tones**.*

1. Use <DATA ENTRY> **[INC]/[DEC]** to select the performance that will change these settings.

2. Press <DESTINATIONS> **[INT]** to select the internal zone, and then press <PARAMETER SELECT> **[PATCH]**.

   The display will indicate the number and name of the current patch.

   * *If the display is different than the Patch Selecting Screen as shown below, press <CURSOR> [▲] several times.*

   ```
   ┌─────┐  ┌─────────────────────┐
   │ 114 │  │ Patch 114         ▾ │
   │     │  │      PIANO & BASS   │
   └─────┘  └─────────────────────┘
   ```

3. Use <DATA ENTRY> **[INC]/[DEC]** to select a patch (1–128). At this time, **the multi-effect (MFX) settings will change along with the combination of tones**.

   * *It is not possible to change the combination of tones in a **patch**. Similarly, **the multi-effect (MFX)** settings are also fixed for each **patch**.*

### ● Directly selecting individual tones

The procedure is the same up through **step 2** described above.

3   Press <CURSOR> [▼] twice. Now you can specify whether each zone will play **a rhythm set** or **a conventional instrumental sound** (a sound from the tone list).

   ```
   ┌─────┐  ┌─────────────────────┐
   │ TN  │  │ Tone/Rhythm       ▴ │
   │     │  │ [ TN| TN| TN| TN]   │
   └─────┘  └─────────────────────┘
   ```
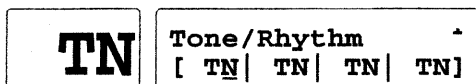
4. Use <DATA ENTRY> **[INC]/[DEC]** to select either RHY or TN. If you select **RHY**, a rhythm set will sound. If you select **TN**, a conventional instrument will sound.

5. Press <CURSOR> [▲] once. Now you can specify a tone number for each zone.

   * *For a list of **tones**, refer to the VE-GSPro owner's manual.*

   ```
   ┌─────┐  ┌─────────────────────┐
   │  1  │  │ PG[Piano 1      ]▾  │
   │     │  │ [  1| 33|  1|  1]   │
   └─────┘  └─────────────────────┘
   ```
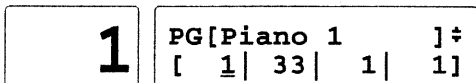
   The tone will also depend on **the bank select (CC00, CC32)** setting. **Bank select MSB (CC00)** corresponds to the Variation, and **bank select LSB (CC32)** corresponds to the **Tone Set**. If **the bank select LSB (CC32)** is **0, 2, or 1, Tone Sets 3, 2 or 1** will be selected respectively.

   * *For details on **Bank Select** settings, refer to p.29 of Volume 2.*

6. Use <CURSOR> [◀]/[▶] to select the zone, and use <DATA ENTRY> [INC]/[DEC] to select the tone.

* *In actuality, only one rhythm set part can be handled by the A-90/EX. Even if two or more parts are assigned to a rhythm set on the A-90/EX, the data will be sent to the same part on the Voice Expansion Board. The last-transmitted tone number (PC) will apply to all zones that are assigned to a rhythm set.*

* *Even if the bank select LSB has been set to select Tone Set 1 or 2, the sound names of Tone Set 3 will be displayed.*

* *If you set the MIDI channel to channel 10, the rhythm set will sound, but the tone settings will not have changed from the settings for the instrumental tone. This means that if you save that performance and then recall it, the instrumental tone will be recalled, and the rhythm set will not sound.*

Applying Multi-Effects (MFX)

Multi-Effects (MFX) can apply **a single effect** to all zones. It is not possible to apply a different effect to each zone. For each zone, you can specify whether the selected multi-effect (MFX) will be applied or not (ON/OFF).

1. Press <DESTINATIONS> [INT], and then press <PARAMETER SELECT> [AUX2 (EQUALIZER)].

2. Press <CURSOR> [▲] to access the screen where you can select the multi-effect (MFX) **type**.
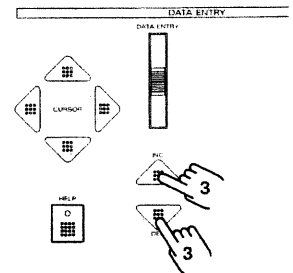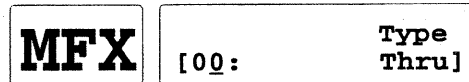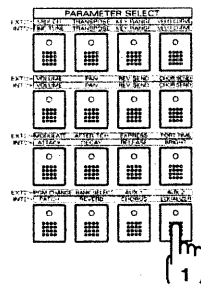
3. Use <DATA ENTRY> [INC]/[DEC] to select the desired effect type.

4. Press <CURSOR> [▼] to access the screen where you can set the multi-effect **parameters**.
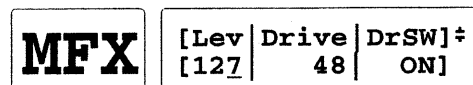
* *The screen above shows the parameters for when MFX type 4: Humanizer has been selected.*

5. Use <CURSOR> [◀]/[▶] to move between items, use [▲]/[▼] to move between screens, and use [INC]/[DEC] to set values.

* *For details on **the parameters**, refer to the Multi-Effect Parameter Chart of the VE-GSPro.*

* *Parameters which cannot be set from the A-90/EX will be set to their most suitable value.*

* *Some of **the multi-effect parameters** are not simple numerical values, and cannot be easily set using the numeric keys. For such parameters, press <DATA ENTRY> [A/INT] + [◀] so that all **multi-effect parameters** will be displayed as numerical values. →Volume 2 p.37*

6. Press <PARAMETER SELECT> **[AUX1 (CHORUS)]**.

```
+-------+  +-------------------------------+
|       |  |          MFX Switch           |
|  MFX  |  | [ ON|OFF |OFF |OFF]           |
|       |  |                               |
+-------+  +-------------------------------+
```
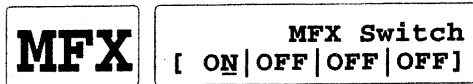
7. For each zone, you specify whether or not the selected multi-effect will be applied.

Use **[◄]/[►]** to select zones, and use **[INC]/[DEC]** to turn the setting **ON** (effect will be applied) or **OFF** (effect will not be applied).

Caution

- After changing the Voice Expansion Board (for instance, from the VE-GSPro to the VE-RD1, or the reverse), you must be sure to load **performance settings appropriate for that Voice Expansion Board** (Volume 1 p.44). If this is not done, the correct sounds will not play.
- Even though the VE-GS Pro is a 32-Part multitimbral sound generator, when installed in the A-90/EX, only sixteen of its Parts will be available for use.
- **Exclusive messages** can be transmitted from an external device to the **MIDI IN** of the A-90/EX to modify the settings of the A-90/EX. When this is done, there are some parameters which do not reach **the Voice Expansion Board**; i.e., the sound may not change even though the settings have changed. If this occurs, press **[PANIC]** so that the values that were set on the A-90/EX will be reflected by the Voice Expansion Board.
- When inputting music data such as SMF to the **MIDI IN 2** of the A-90/EX, please turn the **Control Channel OFF** (Volume 2 p.21). Program changes received on the MIDI channel that has been specified as the **Control Channel** will cause the A-90/EX to switch to a different Performance (instead of selecting a different sound for that channel). If the Performance is changed, the song may no longer be played with the correct sounds.
- Depending on the effect settings, the Pan setting may not be reflected in the sound.

MIDI Implimentation

Into the table "**1-3-1 Performance Common**" in the section "Parameter Address Map" of Owner's Manual Volume 2 P.72-73, the following matters are inserted.

1-3-1 Performance Common

```
+---------+-----------+--------------------------------------+
|    :    |     :     |     :                          :     |
|    :    |     :     |     :                          :     |
+---------+-----------+--------------------------------------+
| # 01 1D | 0000 aaaa | Breath controller Tempo Min   20 - 250|
|   01 1E | 0000 bbbb |                                      |
| # 01 1F | 0000 aaaa |     :         Tempo Max        20 - 250|
|   01 20 | 0000 bbbb |                                      |
+---------+-----------+--------------------------------------+
(The following part is added)
+---------+-----------+--------------------------------------+
|   01 21 | 0aaa aaaa | VE-GSPro MFX  Type             0 - 64 |
|   01 22 | 0aaa aaaa | VE-GSPro MFX  Parameter 1      0 - 127|
|   01 23 | 0aaa aaaa | VE-GSPro MFX  Parameter 2      0 - 127|
|   01 24 | 0aaa aaaa | VE-GSPro MFX  Parameter 3      0 - 127|
|   01 25 | 0aaa aaaa | VE-GSPro MFX  Parameter 4      0 - 127|
|   01 26 | 0aaa aaaa | VE-GSPro MFX  Parameter 5      0 - 127|
|   01 27 | 0aaa aaaa | VE-GSPro MFX  Parameter 6      0 - 127|
|   01 28 | 0aaa aaaa | VE-GSPro MFX  Parameter 7      0 - 127|
|   01 29 | 0aaa aaaa | VE-GSPro MFX  Parameter 8      0 - 127|
|   01 2A | 0aaa aaaa | VE-GSPro MFX  Parameter 9      0 - 127|
|   01 2B | 0aaa aaaa | VE-GSPro MFX  Parameter 10     0 - 127|
|   01 2C | 0aaa aaaa | VE-GSPro MFX  Parameter 11     0 - 127|
|   01 2D | 0aaa aaaa | VE-GSPro MFX  Parameter 12     0 - 127|
| # 01 2E | 0000 aaaa | VE-GSPro Tone/Rhythm Switch    0 - 255|
|   01 2F | 0000 bbbb | VE-GSPro MFX Switch                  |
| # 01 30 | 0000 abbb | VE-GSPro PATCH ON/OFF & Number 0 - 255|
|   01 31 | 0000 bbbb |                                      |
+---------+-----------+--------------------------------------+
|Total Size | 00 00 01 32                                    |
+-----------+------------------------------------------------+
```

*   The parameters of VE-RD1 is valid only when the Voice Expansion Board VE-RD1 is installed.
*   The parameters of VE-GS Pro is valid only when the Voice Expansion Board VE-GS Pro is installed.

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