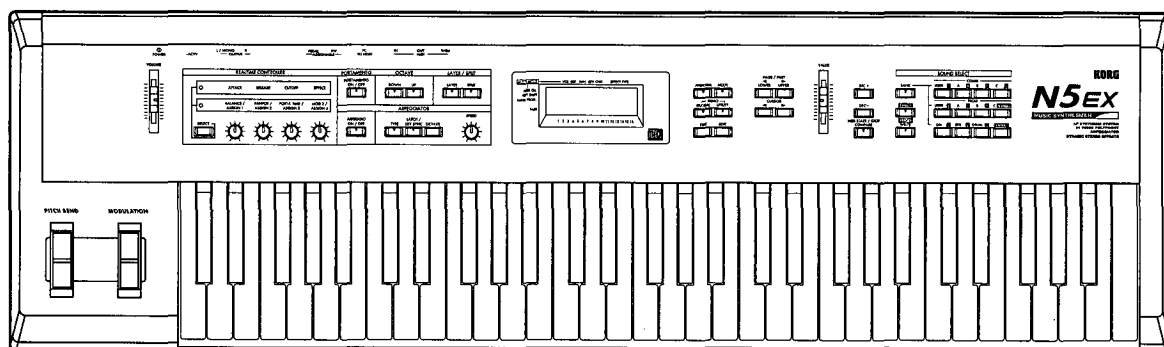# N5EX

MUSIC SYNTHESIZER

AI² SYNTHESIS SYSTEM
64 VOICE POLYPHONY
ARPEGGIATOR
DYNAMIC STEREO EFFECTS

About the N5EX
Caractéristiques du N5EX
Über den N5EX
N5EXについて

PC I/F

GENERAL midi INSTRUMENT

KORG

About the N5EX

The following functions of the N5EX are additions or changes to the specifications of the N5. Please read this material in conjunction with the "N1/N5 Owner's manual."

1. Additions in "6. About MIDI"

1) The following has been added to "Synchronizing the arpeggiator" (p.76):

When the N5EX's arpeggio function is on, the following MIDI messages can be used to control the arpeggiator from a connected computer/sequencer.

F8 (MIDI Clock): This is received when Global Clock Source = MIDI or PCIF. The arpeggio speed setting of the N5EX itself will be ignored.

FA (MIDI Start): When the Latch/Key Sync setting of the arpeggiator is OFF or LATCH, receiving this MIDI message will cause the arpeggio pattern to return to its beginning.

FC (MIDI Stop): When this MIDI message is received, the arpeggio will stop. The arpeggio function itself will not be turned off—rather, this sets a status in which no key has yet been pressed.

* When Global Clock Source = INT, these messages are not received.
* When Global Clock Source = MIDI, these messages can be received from MIDI and will function as described.
* When Global Clock Source = PCIF, these messages can be received from PCIF and will function as described.

2) Add the following item to the end of p.77.

Changing the performance

If you wish to select a different N5EX performance (01–32) from your computer/sequencer, use **Bank Select [Bn, 00, 5F]** (control change #00) and **Program Change [Cn, pp]** (pp: 00–1F, performances 01–32). However, the Bank Select LSB will be ignored. Also, these messages are received only on the MIDI channel specified by the <Exclusive Channel> setting. These messages are received only in Performance Play mode and in Multi mode.

Example of transmission (when EXCL ch. = 01)
B0, 00, 5F : Bank MSB = 5F (hex) = 95
C0, 01 : change to performance 02

2. Additions and changes to technical information

1) The following material has been added to the Performance List (p.103):

```
****************************************************************
*                                                              *
*                     Performance List                         *
*                                                              *
****************************************************************

[Performance Change]
+----------------------+------------------------------+
| Bank Select (MSB:LSB)| 5F:xx      (LSB ignore)      |
+----------------------+------------------------------+
| Program No.          | 00 to 1F (=Perform01 to 32)  |
+----------------------+------------------------------+
```

System Realtime Message (p.103):

```
****************************************************************
*                                                              *
*                System Realtime Message                       *
*                                                              *
****************************************************************

[System Realtime Message]
+------------------+---------------------------------+
| MIDI Clock       | F8                              |
+------------------+---------------------------------+
| MIDI Start       | FA                              |
+------------------+---------------------------------+
| MIDI Stop        | FC                              |
+------------------+---------------------------------+
```

* When Global Clock Source = INT, these messages are not received.
* When Global Clock Source = MIDI, these messages can be received from MIDI and will function as described.
* When Global Clock Source = PCIF, these messages can be received from PCIF and will function as described.

2) The section for Universal Exclusive Messages has been modified as follows (p.104):

```
****************************************************************
*                                                              *
*              Universal exclusive messages                    *
*                                                              *
****************************************************************

[Universal System Exclusive Message]
Device Inquiry  F0,7E,nn,06,01,F7
GM Mode ON      F0,7E,nn,09,01,F7
Master Volume   F0,7F,nn,04,01,11,mm,F7  mm :00h_7Fh        0_127
Master Balance  F0,7F,nn,04,02,11,mm,F7  mm :00h_40h_7Fh 0_64_127
                                             (L63_Center_R63)
```
* nn : receive channel 00h_0Fh = Receive if EXCL channel (in Global Mode)
                         7Fh = Receive any Channel
* 11 : value LSB has no effect

```
[Device Inquiry Reply]
Data (HEX) Val (HEX)  Description
-------------------------------------------------------------
F0h                   Exclusive Status
7Eh                   Exclusive Non Realtime
0nh        00h_0Fh    Exclusive Channel    (Global Parameter)
06h                   Inquiry Message
02h                   Identity Reply
42h                   KORG ID              (MANUFACTURERS ID)
4Ch                   N5EX/N5/N1 ID         (FAMILY CODE LSB)
00h                                         (FAMILY CODE MSB)
**h        1Dh,0Fh    1Dh=N5EX, 0Fh=N1     (MEMBER CODE LSB)
00h                                         (MEMBER CODE MSB)
**h        00h_63h    SYSTEM Minor Version (Minor Version LSB)
00h                                         (Minor Version MSB)
**h        00h_63h    SYSTEM Major Version (Major Version LSB)
00h                                         (Major Version MSB)
F7h                   End of Exclusive
```
* Transmitted in response to a 'Device Inquiry' (F0, 7E, nn, 06, 01, F7) message.

3. Changes to specifications for the N5EX.

The amount of waveform memory has changed as follows (p.109):

Waveform memory	PCM 18 Mbytes

Caractéristiques du N5EX

Les fonctions suivantes du **N5EX** constituent des ajouts ou des modifications par rapport aux caractéristiques du N5. Veuillez donc lire ce qui suit en complément du "N1/N5 Manuel d'utilisation"

1. Ajouts dans "6. MIDI"

1) Ce qui suit a été ajouté à la section "Synchroniser l'arpeggiator" (p.77):

Lorsque l'arpeggiator du **N5EX** est activé, les messages MIDI suivants peuvent être utilisés pour contrôler l'arpeggiator à partir d'un ordinateur ou séquenceur externe.

F8 (MIDI Clock): Reçu lorsque Global Clock Source = MIDI ou PCIF. Le réglage de vitesse de l'arpeggiator effectué sur le **N5EX** est ignoré.

FA (MIDI Start): Lorsque le réglage Latch/Key Sync de l'arpeggiator est OFF ou LATCH, la réception de ce message MIDI ramène le motif d'arpège au début.

FC (MIDI Stop): A la réception de ce message MIDI, l'arpège s'arrête. L'arpeggiator n'est pas coupé; il entre dans un mode d'expectative, comme avant qu'une touche ne soit enfoncée.

* Lorsque Global Clock Source = INT, ces messages ne sont pas reçus.
* Lorsque Global Clock Source = MIDI, ces messages peuvent être reçus via MIDI et ont l'effet décrit.
* Lorsque Global Clock Source = PCIF, ces messages peuvent être reçus via PCIF et ont l'effet décrit.

2) Ajoutez ce qui suit à la fin de la page 77.

Changer de Performance

Si vous souhaitez sélectionner une autre Performance N5EX (01-32) à partir de votre ordinateur/séquenceur, servez-vous des messages de **sélection de banque [Bn, 00, 5F]** (CC00) et de **changement de programme [Cn, pp]** (pp: 00-1F, Performances 01-32). Toutefois le LSB (ou OSI, octet de statut inférieur) du message de sélection de banque est ignoré. En outre, ces messages ne sont reçus que sur le canal MIDI spécifié par le réglage <CH> (canal exclusif). Ces messages ne sont reçus qu'en mode Performance Play et en mode Multi.

Exemple de transmission (lorsque le canal exclusif = 01)
B0, 00, 5F : Bank MSB = 5F (hex) = 95
C0, 01 : Passe à la Performance 02

2. Ajouts et modifications des données techniques

1) Ce qui suit a été ajouté aux sections suivantes:
Liste de Performances (p.103):

```
****************************************************************
*                                                            *
*                    Performance List                        *
*                                                            *
****************************************************************
[Performance Change]
+--------------------+-----------------------------------+
| Bank Select(MSB:LSB) | 5F:xx      (LSB ignore)         |
+--------------------+-----------------------------------+
| Program No.        | 00 to 1F (=Perform01 to 32)       |
+--------------------+-----------------------------------+
```

Message système en temps réel (p.103):

```
****************************************************************
*                                                            *
*               System Realtime Message                      *
*                                                            *
****************************************************************
[System Realtime Message]
+---------------+------------------------------------------+
| MIDI Clock    | F8                                       |
+---------------+------------------------------------------+
| MIDI Start    | FA                                       |
+---------------+------------------------------------------+
| MIDI Stop     | FC                                       |
+---------------+------------------------------------------+
```

* When Global Clock Source = INT, these messages are not received.
* When Global Clock Source = MIDI, these messages can be received from MIDI and will function as described.
* When Global Clock Source = PCIF, these messages can be received from PCIF and will function as described.

2) La section concernant les Messages exclusifs universels a été modifiée comme suit (p.104):

```
****************************************************************
*                                                            *
*             Universal exclusive messages                   *
*                                                            *
****************************************************************
[Universal System Exclusive Message]
Device Inquiry   F0,7E,nn,06,01,F7
GM Mode ON       F0,7E,nn,09,01,F7
Master Volume    F0,7F,nn,04,01,11,mm,F7  mm : 00h_7Fh        0_127
Master Balance   F0,7F,nn,04,02,11,mm,F7  mm : 00h_40h_7Fh 0_64_127
                                                  (L63_Center_R63)
```

* nn : receive channel 00h_0Fh = Receive if EXCL channel (in Global Mode)
                        7Fh = Receive any Channel
* 11 : value LSB has no effect

```
[Device Inquiry Reply]
Data(HEX) Val(HEX)    Description
----------------------------------------------------------
F0h                   Exclusive Status
7Eh                   Exclusive Non Realtime
0nh       00h_0Fh     Exclusive Channel       (Global Parameter)
06h                   Inquiry Message
02h                   Identity Reply
42h                   KORG  ID                (MANUFACTURERS ID)
4Ch                   N5EX/N5/N1 ID           (FAMILY CODE LSB)
00h                                           (FAMILY CODE MSB)
**h       1Dh,0Fh     1Dh=N5EX, 0Fh=N1        (MEMBER CODE LSB)
00h                                           (MEMBER CODE MSB)
**h       00h_63h     SYSTEM Minor Version (Minor Version LSB)
00h                                        (Minor Version MSB)
**h       00h_63h     SYSTEM Major Version (Major Version LSB)
00h                                        (Major Version MSB)
F7h                   End of Exclusive
```

* Transmitted in response to a 'Device Inquiry' (F0, 7E, nn, 06, 01, F7) message.

3. Changement des spécifications pour le N5EX.

La capacité de la mémoire de formes d'onde a été modifiée (p.109):

Mémoire de formes d'onde: PCM 18 Mo

Über den N5EX

Die folgenden Funktionen des N5EX sind Ergänzungen zu oder Änderungen an den technischen Daten des N5. Bitte lesen Sie diese Informationen zusammen mit dem "N1/N5 Bedienungshandbuch".

1. Ergänzungen unter "6. Über MIDI"

1) Die folgenden Funktionen wurden unter "Arpeggiator Synchronisieren " (Seite 77) hinzugefügt:

Bei eingeschalteter Arpeggio-Funktion des N5EX können Sie mit den folgenden MIDI-Meldungen den Arpeggiator über einen angeschlossenen Computer/Sequenzer steuern.

F8 (MIDI Clock): Wird empfangen, wenn Global Clock Source = MIDI oder PCIF. Die Arpeggio-Geschwindigkeitseinstellung des N5EX selbst wird ignoriert.

FA (MIDI Start): Wenn die Latch/Key Sync-Einstellung des Arpeggiators auf OFF oder LATCH gesetzt ist, wird das Arpeggio-Pattern beim Empfang dieser MIDI-Meldung an seinen Anfang zurückgesetzt.

FC (MIDI Stop): Beim Empfang dieser MIDI-Meldung wird das Arpeggio angehalten. Die Arpeggio-Funktion selbst wird nicht ausgeschaltet—es wird vielmehr ein Status hergestellt, in dem noch keine Taste angeschlagen wurde.

* Bei Global Clock Source = INT werden diese Meldungen nicht empfangen.
* Bei Global Clock Source = MIDI können diese Meldungen via MIDI empfangen werden und sie funktionieren wie beschrieben.
* Bei Global Clock Source = PCIF können diese Meldungen via PCIF empfangen werden und sie funktionieren wie beschrieben.

2) Fügen Sie folgenden Punkt ans Ende von Seite 77 an.

Performance wechseln

Wenn Sie eine andere N5EX Performance (01-32) über Ihren Computer/Sequenzer wählen möchten, verwenden Sie **Bank Select [Bn, 00, 5F]** (Control Change #00) und **Program Change [Cn, pp]** (pp: 00-1F, Performances 01-32). Das Bank Select LSB wird allerdings ignoriert. Diese Meldungen werden außerdem nur auf dem MIDI-Kanal empfangen, der mit der <Exclusive Channel> Einstellung festgelegt wurde. Diese Meldungen werden nur im Performance Play-und Multi-Modus empfangen.

Beispiel für die Übertragung (wenn EXCL ch. = 01)
B0, 00, 5F : Bank MSB = 5F (hex) = 95
C0, 01 : Wechsel auf Performance 02

2. Ergänzungen und Änderungen an den technischen Informationen

1) Folgende Informationen wurden der Performance List (Seite 103) hinzugefügt:

```
*********************************************************
*                                                       *
*                 Performance List                      *
*                                                       *
*********************************************************
 [Performance Change]
+----------------+-------------------------------+
| Bank Select (MSB:LSB)|  5F:xx      (LSB ignore) |
+----------------+-------------------------------+
| Program No.    |  00 to 1F  (=Perform01 to 32) |
+----------------+-------------------------------+
```

System Realtime Message (Seite 103) hinzugefügt:

```
*********************************************************
*                                                       *
*            System Realtime Message                    *
*                                                       *
*********************************************************
 [System Realtime Message]
+----------------+--------------------------------+
| MIDI Clock     | F8                             |
+----------------+--------------------------------+
| MIDI Start     | FA                             |
+----------------+--------------------------------+
| MIDI Stop      | FC                             |
+----------------+--------------------------------+
```

* Bei Global Clock Source = INT werden diese Meldungen nicht empfangen.
* Bei Global Clock Source = MIDI können diese Meldungen via MIDI empfangen werden und sie funktionieren wie beschrieben.
* Bei Global Clock Source = PCIF können diese Meldungen via PCIF empfangen werden und sie funktionieren wie beschrieben.

2) Der Abschnitt über Universal Exclusive Messages wurde wie folgt modifiziert (Seite 104):

```
*********************************************************
*                                                       *
*            Universal exclusive messages               *
*                                                       *
*********************************************************
[Universal System Exclusive Message]
Device Inquiry    F0,7E,nn,06,01,F7
GM Mode ON        F0,7E,nn,09,01,F7
Master Volume     F0,7F,nn,04,01,ll,mm,F7  mm :00h_7Fh        0_127
Master Balance    F0,7F,nn,04,02,ll,mm,F7  mm :00h_40h_7Fh 0_64_127
                                                  (L63_Center_R63)
* nn : receive channel 00h_0Fh = Receive if EXCL channel (in
  Global Mode)
                        7Fh = Receive any Channel
* ll : der LSB Wert ist wirkungslos
[Device Inquiry Reply]
Data(HEX) Val(HEX)   Description
--------------------------------------------------------
 F0h                 Exclusive Status
 7Eh                 Exclusive Non Realtime
 0nh       00h_0Fh   Exclusive Channel      (Global Parameter)
 06h                 Inquiry Message
 02h                 Identity Reply
 42h                 KORG ID                (MANUFACTURERS ID)
 4Ch                 N5EX/N5/N1 ID          (FAMILY CODE LSB)
 00h                                        (FAMILY CODE MSB)
 **h       1Dh,0Fh   1Dh=N5EX, 0Fh=N1       (MEMBER CODE LSB)
 00h                                        (MEMBER CODE MSB)
 **h       00h_63h   SYSTEM Minor Version (Minor Version LSB)
 00h                                        (Minor Version MSB)
 **h       00h_63h   SYSTEM Major Version (Major Version LSB)
 00h                                        (Major Version MSB)
 F7h                 End of Exclusive
```

* Gesendet als Reaktion auf eine Device Inquiry-Meldung (F0, 7E, nn, 06, 01, F7).

3. Änderungen an den technischen Daten des N5EX:

Die Größe des Wellenformspeichers hat sich wie folgt geändert (Seite 109):

Wellenformspeicher	PCM 18 MB

N5EXについて

N5EXでは、N5に以下の仕様が追加または変更されます。同梱の "N1/N5取扱説明書" と一緒にお読みください。

1.「6. MIDIについて」の追加

1)「アルペジエータの同期演奏をする」(P.79)の項目に以下を追加します。

N5EXでは、アルペジオ機能がオンのとき、接続されたコンピュータ/シーケンサからアルペジエータを次のMIDI情報でコントロールすることができます。

F8(MIDI Clock): Global ClockSource=MIDI or PCIF
のときに受信します。本体のアルペジオ・スピードの設定は無視されます。

FA(MIDI Start): アルペジエータのラッチ/キーシンク
の設定がオフまたはLATCHのとき、このMIDI情報を受信するとアルペジオ・パターンが先頭に戻ります。

FC(MIDI Stop): このMIDI情報を受信するとアルペジオが停止します。アルペジオ機能がオフになるのではなく、鍵盤を押さえる前の状態になります。

* Global ClockSource=INTのときは受信しません。

* Global ClockSource=MIDIのとき、MIDIからの受信で動作します。

* Global ClockSource=PCIFのとき、PCIFからの受信で動作します。

2) P.79の最後に以下の項目を追加します。

パフォーマンスを変える

コンピュータ/シーケンサからパフォーマンス(01〜32)を切り替えるときは、音色(プログラム/コンビネーション)を切り替えるのと同様に**バンク・セレクト[Bn, 00, 5F]**(コントロール・チェンジ#00)と、**プログラム・チェンジ[Cn, pp]**(pp: 00〜1F、パフォーマンス01〜32)を使います。ただしLSBは無視します。また<エクスクルーシブ・チャンネル>のMIDIチャンネルでのみ受信します。Performance PlayモードとMultiモードでのみ受信します。

送信例(EXCL ch.=01の場合)
B0, 00, 5F: Bank MSB = 5F(hex)= 95
C0, 01: パフォーマンス02への切り替え

2. 技術資料の追加と変更

1) 以下の資料を追加します。

Performance List (P.105)

```
*****************************************************************
*                                                             *
*                  パフォーマンスリスト                          *
*                                                             *
*****************************************************************
[Performance Change]
+------------------------+---------------------------------+
| Bank Select (MSB:LSB)  |  5F: xx        (LSB ignore)      |
+------------------------+---------------------------------+
| Program No.            |  00 to 1F  (=Perform01 to 32)    |
+------------------------+---------------------------------+
```

System Realtime Message (P.105)

```
*****************************************************************
*                                                             *
*             システム リアルタイム メッセージ                    *
*                                                             *
*****************************************************************
[System Realtime Message]
+---------------+----------------------------------------+
| MIDI Clock    | F8                                     |
+---------------+----------------------------------------+
| MIDI Start    | FA                                     |
+---------------+----------------------------------------+
| MIDI Stop     | FC                                     |
+---------------+----------------------------------------+
* Global ClockSource=INTのときは受信しません。
* Global ClockSource=MIDIのとき MIDIからの受信で動作します。
* Global ClockSource=PCIFのとき PCIFからの受信で動作します。
```

2) ユニバーサル・エクスクルーシブ・メッセージ(P.106)を以下のように変更します。

```
*****************************************************************
*                                                             *
*         ユニバーサル エクスクルーシブ メッセージ                 *
*                                                             *
*****************************************************************
[Universal System Exclusive Message]
Device Inquiry    F0,7E,nn,06,01,F7
GM Mode ON        F0,7E,nn,09,01,F7
Master Volume     F0,7F,nn,04,01,ll,mm,F7  mm : 00h_7Fh     0_127
Master Balance    F0,7F,nn,04,02,ll,mm,F7  mm : 00h_40h_7Fh 0_64_127
                                                   (L63_Center_R63)

* nn : receive channel 00h_0Fh = Receive if EXCL channel (in Global
       Mode)
                        7Fh = Receive any Channel
* ll : value LSB has no effect
[Device Inquiry Reply]
Data(HEX)    Val(HEX)    Description
-----------------------------------------------------------------
F0h                      Exclusive Status
7Eh                      Exclusive Non Realtime
0nh          00h_0Fh     Exclusive Channel      (Global Parameter)
06h                      Inquiry Message
02h                      Identity Reply
42h                      KORG ID                (MANUFACTURERS ID)
4Ch                      N5EX/N5/N1 ID          (FAMILY CODE LSB)
00h                                             (FAMILY CODE MSB)
**h          1Dh,0Fh     1Dh=N5EX, 0Fh=N1       (MEMBER CODE LSB)
00h                                             (MEMBER CODE MSB)
**h          00h_63h     SYSTEM Minor Version  (Minor Version LSB)
00h                                             (Minor Version MSB)
**h          00h_63h     SYSTEM Major Version  (Major Version LSB)
00h                                             (Major Version MSB)
F7h                      End of Exclusive
 * Device Inquiry' (F0, 7E, nn,06, 01, F7) メッセージで送信します。
```

3. 仕様の変更

仕様(P.111)の波形メモリーの値を以下のように変更します。

波形メモリー	PCM 18M Bytes

Additions and changes to the Voice Name List
Ajouts et modifications de la Liste des sons
Ergänzungen und Änderungen an der Stimmennamensliste
Voice Name Listの追加と変更

1) Performances have been added.
   Des Performances ont été ajoutées.
   Es wurden Performances hinzugefügt.
   Performanceを追加します。

2) PrgU (N5), CmbU (N5), MultiSample, and DrumSample have been changed.
   Les séries PrgU (N5), CmbU (N5), MultiSample et DrumSample ont été modifiées.
   PrgU (N5), CmbU (N5), Multisamples und Drumsamples wurden geändert.
   PrgU (N5)、CmbU (N5)、MultiSample、DrumSampleを変更します。

Performance

Bank Select MSB = 95, LSB = Ignored Ignored Ignoriert 無視する

PC	Upper			Lower			Type	Arpeggio Type
1	CmbU	0	Alignment	GM-a	1	Piano 1	-	4 ALT2
2	CmbU	42	IceClimber	PrgA	26	ReMixBass	Split	12 B-TECHNO
3	CmbU	25	Mr."BX-3"	CmbB	49	RapToolKit	Split	18 D-JUNGLE
4	CmbC	50	Encounters	PrgA	43	CoCo	Layer	7 ARP 2
5	PrgC	84	Wah Clav	CmbB	9	Dance Trak	Split	17 D-TECHNO
6	CmbU	16	Hip House	PrgB	56	Deep House	Split	12 B-TECHNO
7	CmbB	76	Bass/Brass	KDrm	26	Analog Kit	Split	17 D-TECHNO
8	CmbB	64	Maya Dance	CmbB	64	Maya Dance	Split	15 B-SOUL
9	PrgU	71	N1 Dyno EP	PrgB	36	Stein Bass	Split	14 B-FUNK
10	CmbA	17	BigStrings	CmbB	27	Nutcracker	Layer	17 D-TECHNO
11	CmbA	70	Uni Verse	PrgC	56	Bass Zap	Split	10 ARP 5
12	CmbU	23	Indian Jam	CmbC	23	Ghame Jana	Split	20 D-R&B
13	CmbU	74	WaveGuitar	PrgA	96	ChromeBass	Split	13 B-DANCE
14	CmbB	49	RapTooKit	yDr2	26	Analog	Split	20 D-R&B
15	CmbC	54	Dole Bee	CmbB	6	House Mix	Split	14 B-FUNK
16	CmbU	79	Beam Me Up	CmbU	59	Borg Space	Split	11 ARP 6
17	CmbA	93	Morocco	kDrm	26	Analog Kit	Split	17 D-TECHNO
18	CmbB	73	Botswana	CmbA	73	Wet Lands	Split	13 B-DANCE
19	CmbU	1	Zinger EP	CmbC	13	Percolator	Layer	6 ARP 1
20	CmbB	16	PhaseTwins	CmbU	36	Rezzo Rave	Split	14 B-FUNK
21	CmbU	12	12ToneBelz	CmbB	90	InTheMaze	Split	6 ARP 1
22	CmbU	54	Gtr/Flute	CmbU	86	Latin Band	Split	15 B-SOUL
23	CmbA	10	Melotronic	CmbU	6	VoxD'House	Split	12 B-TECHNO
24	CmbU	76	BS&StPiano	yDr2	41	Brush	Split	20 D-R&B
25	CmbA	91	Accordion	CmbB	94	Bavaria	Split	9 ARP 4
26	CmbA	90	Fade Away	CmbB	80	Rezolution	Split	6 ARP 1
27	CmbA	76	Bass&Vibes	rDrm	41	BRUSH	Split	17 D-TECHNO
28	CmbB	30	First*Snow	CmbC	80	Alienesque	Split	5 RANDOM
29	CmbB	98	Lead & Pad	CmbA	64	Oh-La-La !	Split	2 DOWN
30	CmbU	95	Eruption	CmbU	5	Fast Perc	Split	16 B-JAZZ
31	CmbC	90	FirstLight	CmbU	70	Luminous	Layer	5 RANDOM
32	PrgB	88	03R/WPulse	PrgA	38	Xanalog	Layer	4 ALT2

PrgU (N5) → PrgU (N5EX)

Bank Select MSB = 80, LSB = Ignored Ignored Ignoriert
無視する
MSB = 0, LSB = 0 (05R/W Map)

PC	Name
0	Expansions
1	St. Piano
2	BigBadBari
3	Droid Beat
4	RosewoodGt
5	Rock Organ
6	WalkinBass
7	Symphony
8	Modular 3C
9	Techno Kit
10	Color Pad
11	N1WhirlyEP
12	Big Brass
13	Band Hit
14	AcousticGT
15	VintageBX3
16	Solid Bass
17	LightVoice
18	Solo Synth
19	Harp Gliss
20	PlanetS+H
21	DWGS Dream
22	Reed&Flute
23	Throbmastr
24	Air Guitar
25	N1JazzOrg
26	AnaSawBass
27	WindString
28	Mega Keys
29	Power Drum
30	GlideSweep
31	N1 A.Piano
32	TP & Brass
33	Visitors
34	PedalSteel
35	StageOrgan
36	SuperRound
37	Divisi
38	SynthBrass
39	ODRaveKit
40	AnaSquares
41	N1StageEP
42	V.S. Brass
43	PluggedIn
44	Strummers
45	SmallPipes
46	Slap&Slide
47	MixedChoir
48	Pizarro's
49	SteelDrums

PC	Name
50	Intro Pad
51	Piano Pads
52	Fox Horns
53	Ark Textur
54	N1 Clav
55	N1 Organ
56	Snap Bass
57	Horns&Bows
58	Syn Bottle
59	BadWeather
60	KorgStatio
61	N1GrandEP
62	SopranoAir
63	Synthasaur
64	O.D. Lead
65	Brilliant
66	StringSlap
67	St.Quartet
68	Pulse
69	[ComboKit]
70	Padonomic
71	N1 Dyno EP
72	Orch&Horns
73	CraterDust
74	Stadium GT
75	WhiteShade
76	Digi Bass
77	ArcoString
78	WhiteHorns
79	ChurchBell
80	The Voyage
81	EP&Waves
82	SuperBrass
83	Smash It
84	Mega Clav
85	MasterFisa
86	LowRezBass
87	Super Pizz
88	SynLead 1
89	InTheTrees
90	VeloSweep
91	Magic Tines
92	Big Bones
93	SonicBlast
94	Guitar Pad
95	Perc Trem
96	Big Mini
97	GlassVoice
98	Lead Stab
99	Good Vibes

CmbU (N5) → CmbU (N5EX)

Bank Select MSB = 88, LSB = Ignored Ignored Ignoriert
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PC	Name
0	Alignment
1	Zinger EP
2	Acappella
3	Rain Dance
4	Blue Bass
5	Fast Perc
6	VoxD'House
7	Midnight
8	Pulse:Mod
9	FilmDrama
10	Moonrise
11	PianoMagic
12	12ToneBelz
13	Afro/Cuban
14	CrankItUp!
15	SwingHorns
16	Hip House
17	Sweeteners
18	Mega Pulse
19	Wild Rave
20	Flangesty
21	Dynamite
22	Goodbyes
23	Indian Jam
24	FolkGuitar
25	Mr. "BX-3"
26	Dyno Split
27	Pizz A Pie
28	DroidRoad
29	DJ*ToolBox
30	Futurist
31	Cyclic EP
32	Vox Bells
33	NightTrain
34	Tune Smith
35	16 Horns
36	Rezzo Rave
37	LegatoReed
38	CanyonView
39	UnderWorld
40	Dizzying
41	Vox King
42	IceClimber
43	Zen Garden
44	Iron Layer
45	GreatOrgan
46	ForceField
47	The Loner
48	New Rave
49	Stereo Kit

PC	Name
50	Chem Lab
51	Beefy EP
52	Wordless
53	Discovery
54	Gtr/Flute
55	Fanfare
56	Virtuals
57	5000 BC
58	TheModKnob
59	Borg Space
60	DreamPulse
61	InYourEyes
62	The Light
63	Big Ben
64	Mr. Metal
65	N1JazzMan
66	Split Bass
67	Strings
68	PureAnalog
69	Invaders
70	Luminous
71	Ballad EP
72	Nashville
73	Witch Hunt
74	WaveGuitar
75	Trpt&Bones
76	BS&StPiano
77	Heavy Bows
78	TheLastOne
79	Beam Me Up
80	Generators
81	ProStageEP
82	Child Song
83	Instanbul
84	RezStakBS
85	OverLoad!
86	Latin Band
87	FreshRosin
88	GlassPipes
89	Elements
90	PowderSnow
91	Mouth Harp
92	Sea Horses
93	Trinidad
94	AtTheFeast
95	Eruption
96	CelticBand
97	HarpString
98	Unison
99	MotherShip

MultiSample

#	Name	#	Name	#	Name	#	Name	#	Name
0	A.Piano1	70	F.Guitar1V	140	SynBass2LP	210	BrightHorn	280	MarcTree1V
1	A.Piano1w	71	F.Guitar2	141	SynthBass3	211	FlugelHorn	281	MrcTre1VNT
2	A.Piano1LP	72	A.GtrHarm	142	RezBass1	212	Trombone1	282	MarcTree2
3	A.Piano2	73	E.Guitar1	143	RezBass2	213	Trombone2	283	MrcTree2NT
4	A.Piano2w	74	E.Guitr1V	144	RezBass3	214	Trumpet	284	MarcTree2V
5	M1Piano	75	E.Guitar2	145	RezBass3LP	215	TrumpetLP	285	MrcTre2VNT
6	M1Pianow	76	E.Guitar3	146	MiniBass	216	MuteTP	286	TriRoll
7	GrandEP	77	MuteGuitar	147	HouseBass	217	MuteTPLP	287	TriRollNT
8	E.Piano1	78	FunkyGtr	148	FMBass	218	Brass1	288	TriRollV
9	E.Piano1w	79	FunkyGtrV	149	FMBassLP	219	Brass1LP	289	TriRollVNT
10	E.Piano1LP	80	E.GtrHarm	150	BassSlide	220	Brass2	290	Clicker
11	E.Piano2	81	E.GtrHramV	151	StringSlap	221	Brass2LP	291	ClickerNT
12	E.Piano2w	82	DistGuitar	152	Kalimba	222	BrassFall	292	CastRoll
13	E.Piano2LP	83	DistGtrLP	153	MusicBox	223	StringEns.	293	CastRollNT
14	SoftEP	84	DistGuitrV	154	MusicBoxLP	224	StrEns.V1	294	Lore
15	SoftEPLP	85	OverDrive	155	LogDrum	225	StrEns.V2	295	LoreNT
16	HardEP	86	OverDrvLP	156	Marimba	226	StrEns.V3	296	Waterphone
17	HardEPw	87	OverDrvF4	157	Marimbaw	227	AnaStrings	297	Crickets1
18	HardEPLP	88	MuteDstGtr	158	Xylophone	228	AnaStr.V1	298	Crickts1NT
19	StageEP	89	MtDstGtrV	159	SynMallet	229	AnaStr.V2	299	Crickets2
20	StageEPw	90	DstGtrHarm	160	Vibe	230	AnaStr.V3	300	Crickts2NT
21	PianoPad1	91	PowerChord	161	Vibew	231	PWM	301	MagicBell
22	PianoPad2	92	PowerChdV	162	Celesta	232	Violin	302	TronUp
23	Clav	93	OverDvChrd	163	Glocken1	233	Viola	303	TronUpLP
24	Clavw	94	PowerGtr	164	Glocken2	234	Cello	304	TronUpNT
25	ClavLP	95	PowerGtrV	165	BrightBell	235	CelloLP	305	FluteFX
26	Harpsicord	96	GtScratch	166	B.BellLP	236	CBs.&Cello	306	FluteFXLP
27	Harpsicdw	97	GtrSlide	167	MetalBell	237	Pizzicato	307	Flutter
28	HarpsicdLP	98	GtCutNois1	168	M.BellLP	238	Voice	308	FlutterLP
29	PercOrgan1	99	GtCutNois2	169	Gamelan	239	Choir	309	HarpUp
30	PercOrg1LP	100	Chic1	170	Pole	240	SoftChoir	310	HarpUpLP
31	PercOrgan2	101	Chic2	171	PoleLP	241	AirVox	311	JungGliss
32	PercOrg2LP	102	Stick	172	Tubular	242	DooVoice	312	JungGlisLP
33	Organ1	103	Sitar1	173	ChurchBell	243	DooVoiceLP	313	MalletLoop
34	Organ1LP	104	Sitar2	174	FingCymbal	244	SynVox	314	MalletLpNT
35	Organ2	105	Sitar2LP	175	FingCymbNT	245	SynVoxLP	315	Boogeta
36	Organ2LP	106	Tambura	176	Gong	246	GlassVox	316	Sporing
37	Organ3	107	TamburaLP	177	GongLP	247	WhitePad	317	Rattle
38	Organ4	108	Santur	178	SplitDrum	248	EtherBell	318	Kava
39	Organ5	109	Bouzouki	179	SplitBell	249	E.BellLP	319	Fever1
40	Organ6	110	BouzoukiLP	180	Flute	250	Ghostly	320	Fever2
41	Organ6LP	111	Mandolin	181	TinFlute	251	MegaPad	321	Scratchar
42	VoxOrgan1	112	Banjo	182	TinFluteLP	252	SynthPad	322	Zappers1
43	VoxOrgan2	113	Shamisen	183	PanFlute	253	SynthPadA	323	Zappers2
44	VoxOrgan3	114	Koto	184	PanFluteLP	254	Spectrum1	324	Bugs
45	RotaryOrg1	115	Uood	185	Shakuhachi	255	Spectrum2	325	Surfy
46	Rotary1LP	116	Harp	186	ShakhachiV	256	WaveSweep	326	SleighBell
47	RotaryOrg2	117	Ukulele	187	ShakhachLP	257	WaveSweepA	327	Sagatty
48	SuperBX-3	118	MandlinTrm	188	Bottle	258	WaveSweepB	328	SagattyNT
49	SuperBX3LP	119	A.Bass1	189	Recorder	259	MouthHarp1	329	ElecBeat
50	Dist.Organ	120	A.Bass1LP	190	Ocarina	260	MouthHrp1A	330	Idling
51	Dist.OrgLP	121	A.Bass2	191	Oboe	261	MouthHarp2	331	EthnicBeat
52	PipeOrgan1	122	A.Bass2LP	192	EnglishHrn	262	MouthHrp2A	332	Tap-A
53	PipeOrg1LP	123	E.Bass1	193	Eng.HornLP	263	MouthHarps	333	Tap-B
54	PipeOrgan2	124	E.Bass1LP	194	BasoonOboe	264	ChromRes	334	Tap-C
55	PipeOrg2LP	125	E.Bass2	195	BsonOboeLP	265	WahFuzz	335	Mini1a
56	PipeOrgan3	126	E.Bass2LP	196	Clarinet	266	Applause	336	Digital1
57	PipeOrg3LP	127	PickBass1	197	ClarinetLP	267	Stadium	337	VS102
58	CheeseOrg	128	PicBass1LP	198	Bari.Sax	268	BrushNoise	338	VS48
59	Musette	129	PickBass2	199	Bari.SaxLP	269	BruNoiseNT	339	VS52
60	MusetteV	130	PickBass3	200	TenorSax	270	WhiteNoise	340	VS58
61	Bandneon	131	Fretless	201	T.SaxLP	271	WhiteNoiNT	341	VS71
62	BandneonLP	132	FretlessLP	202	AltoSax	272	Jetstar	342	VS72
63	Accordion	133	SlapBass1	203	A.SaxLP	273	JetstarLP	343	VS88
64	AcordionLP	134	SlapBass2	204	SopranoSax	274	JetstrLPNT	344	VS89
65	Harmonica	135	SlpBass2LP	205	S.SaxLP	275	BrushSwirl	345	13-35
66	G.Guitar	136	SlapBass3	206	BagPipe	276	Thing	346	DWGSOrgan1
67	G.GuitarLP	137	SynthBass1	207	Tuba	277	ThingNT	347	DWGSOrgan2
68	F.Guitar1	138	SynBass1LP	208	TubaLP	278	MarcTree1	348	DWGSE.P.
69	F.Gtr1LP	139	SynthBass2	209	Horn	279	MrcTree1NT	349	Saw

350	Square	420	Cabasa	490	Bird1	560	DWGS EP 4
351	Ramp	421	CabasaNT	491	Bird2	561	DWGS EP 5
352	Pulse25%	422	Sagat	492	Kitty	562	DWGS EP 6
353	Pulse8%	423	SagatNT	493	Dog		
354	Pulse4%	424	Tambourine	494	Growl2		
355	SynSine	425	JingleBell	495	Gallop		
356	Sine	426	MuteTriang	496	Laughing		
357	OrchHit	427	OpenTriang	497	LaughingV		
358	ImpactHitL	428	Agogo	498	Scream		
359	ImpactHitR	429	CowBell	499	Punch		
360	RaveHitL	430	Timbale	500	HartBeat		
361	RaveHitR	431	WoodBlock1	501	Footstep1		
362	PhillyHit	432	WoodBlock2	502	Footstep2		
363	PowerSnare	433	WoodBlock3	503	Telephone1		
364	SynSnare	434	Claves	504	Telephone2		
365	SnareRl/Ht	435	SynClaves	505	DoorCreak		
366	Fist	436	Castanet	506	DoorSlam		
367	StickHit	437	CastanetNT	507	CarEngine		
368	SideStick	438	CastanetV	508	CarEnginLP		
369	SideStikNT	439	FingerSnap	509	CarStop		
370	TimbleSide	440	FingSnapNT	510	CarPass		
371	TimblSidNT	441	Snap	511	CarCrash		
372	Indust	442	SnapNT	512	Siren		
373	TaikoHit	443	Drop	513	Train		
374	SynRim	444	CorkPop	514	Helicopter		
375	SynRimNT	445	Vibraslap	515	GunShot2		
376	Click	446	Guiro	516	MachineGun		
377	CrashCym	447	GuiroLP	517	LaserGun		
378	CrashCymLP	448	HandClap	518	Explosion		
379	CrashLPNT	449	HandClapNT	519	DJKit1		
380	ChinaCym	450	GunShot1	520	DJKit2		
381	ChinaCymLP	451	GlassBreak	521	Scratches		
382	SplashCym	452	MetalHit	522	OrchPerc		
383	OrchCrash	453	Pull1	523	Loopey		
384	TiteHH	454	Pull1NT	524	ClockWorks		
385	TiteHHNT	455	Pull2	525	MusicaLoop		
386	OpenHH	456	Pull2NT	526	Manimals		
387	CloseSynHH	457	HandDrill	527	DownLo		
388	OpenSynHH	458	HandDrilNT	528	St.Piano L		
389	BellRide	459	Zap1	529	St.Piano R		
390	PingRide	460	Zap2	530	A.Piano 3		
391	OrchB.Drm	461	FretZap1	531	A.Piano 3w		
392	Tom1	462	FretZap2	532	Grand EP 2		
393	Tom2Hi	463	ScratchHi	533	Grand EP2w		
394	Tom2Lo	464	ScratcHiNT	534	E.Piano 3		
395	ProccesTom	465	ScratchLo	535	E.Piano 3w		
396	OilDrum	466	ScratcLoNT	536	E.Piano3LP		
397	SynTom1	467	ScratchDbl	537	Stage EP 2		
398	SynTom2	468	ScratDblNT	538	Stage EP2w		
399	VocalSnare	469	Scratcha	539	StageEP2LP		
400	SolidHit	470	Rev.Kick	540	Dyno EP 1		
401	SteelDrum	471	Rev.ConBD	541	Dyno EP 1w		
402	SteelDrmLP	472	RevSnare1	542	DynoEP1 LP		
403	Timapni	473	Rev.Snare2	543	Dyno EP 2		
404	TimpaniLP	474	Rev.Snare3	544	Dyno EP 2w		
405	Taiko	475	Rev.Cymbal	545	DynoEP2 LP		
406	Tsuzumi	476	Rev.Tom1	546	Wurly EP		
407	LowBongo	477	Rev.Tom2	547	Wurly EP w		
408	SlapBongo	478	Samurai!	548	WurlyEP LP		
409	OpenConga	479	Growl1	549	PianoPad 3		
410	SlapConga	480	Growl1NT	550	P.Pad 3 LP		
411	PalmConga	481	Monkey1	551	Clav 2		
412	MuteConga	482	Monkey2	552	Clav 2 w		
413	Baya	483	Rain	553	Clav 2 LP		
414	Tabla1	484	Thunder	554	Organ 7		
415	Tabla2	485	Wind	555	Organ 7 LP		
416	Djembe	486	Seashore	556	Organ 8		
417	Maracas	487	SeashoreV	557	Organ 8 LP		
418	SynMaracas	488	Stream	558	DWGS EP 2		
419	SynMarcsNT	489	Bubble	559	DWGS EP 3		

DrumSample

0	FatKick		70	SynTom2Hi		140	BassSlide		210	Gamelan2		280	MachineGun
1	RockKick		71	SynTom2Lo		141	StringSlap		211	Pole		281	LaserGun
2	Ambi.Kick		72	SolidHit		142	OrchHit		212	FingCymbal		282	Explosion
3	CrispKick		73	BrushTom		143	ImpactHitL		213	Tubular1		283	HandDrill
4	PunchKick		74	BrushTomV		144	ImpactHitR		214	Tubular2		284	Metronome1
5	DryKick		75	Timpani		145	RaveHitL		215	Tubular3		285	Metronome2
6	RealKick		76	TaikoHi		146	RaveHitR		216	ChurchBell		286	Thick Kick
7	GatedKick		77	TaikoLo		147	PhillyHit		217	GongHi		287	Tight Kick
8	ProcesKick		78	LoBongo		148	BrassFall1		218	GongLo		288	BigRock SD
9	MetalKick		79	HiBongo		149	BrassFall2		219	MouthHarp1		289	FullRoomSD
10	DanceKick		80	SlapBongo		150	BrassFall3		220	MouthHrp1A		290	StickHit 2
11	SynKick1		81	Tsuzumi		151	BrassFall4		221	MouthHarp2		291	SideStick2
12	SynKick2		82	OpenConga		152	Zap1		222	MouthHrp2A		292	CrashCym 2
13	SynKick3		83	SlapConga		153	Zap2		223	Spectrum1		293	Close HH 2
14	SynKick4		84	PalmConga		154	ScratchHi		224	Spectrum2		294	Pedal HH 2
15	OrchB.Drm		85	MuteConga		155	ScratchLo		225	Stadium		295	Open HH 2
16	Snare1		86	Baya1		156	ScratchDbl		226	BrushNoise		296	OpenCongaH
17	Snare2		87	Baya2		157	Scratcha		227	WhiteNoise		297	OpenCongaL
18	Snare3		88	Tabla1		158	Scratchb		228	Jetstar		298	MtSlpConga
19	Snare4		89	Tabla2		159	Scratchc		229	Thing		299	Maracas 2
20	PicloSnare		90	Tabla3		160	Sword		230	TriRoll		300	Tambourin2
21	SoftSnare		91	Udu		161	Drop		231	Clicker1		301	SleighBell
22	LightSnare		92	Djembe		162	BISS		232	Clicker2		302	Agogo 2
23	DrySnare		93	CorkPop		163	BOOFN		233	Clicker3		303	Castanet S
24	TightSnare		94	MuteCuica		164	BOOGETA		234	CastRoll			
25	Ambi.Snare		95	OpenCuica		165	CHLACK		235	Lore			
26	RockSnare		96	Maracas		166	COOSH		236	Waterphone			
27	GatedSnare		97	Cabasa		167	COUGH		237	Crickets			
28	PowerSnare		98	SynMaracas		168	ISSH		238	TronUp			
29	RollSnare1		99	Sagat		169	POOM		239	FluteFX			
30	RollSnare2		100	Tambourine		170	Uhhh!		240	Flutter			
31	SynSnare1		101	JingleBell		171	Samurai!		241	HarpUp			
32	SynSnare2		102	MarcTree1		172	Growl 1		242	JungGliss			
33	VocalSnr1		103	MarcTree2		173	Monkey1		243	MalletLoop			
34	VocalSnr2		104	MuteTriang		174	Monkey2		244	Rain			
35	Fist		105	OpenTriang		175	Rev.Kick		245	Thunder			
36	BrushSlap		106	Flexatone		176	Rev.ConBD		246	Wind			
37	BrushTap		107	Agogo		177	Rev.Snare1		247	Seashore			
38	BrushSwish		108	Cowbell		178	Rev.Snare2		248	SeashoreV			
39	BrushSwirl		109	SynCowbell		179	Rev.Snare3		249	Stream			
40	StickHit		110	R-Timbal		180	Rev.Cymbal		250	Bubble			
41	SideStick		111	HiTimbal		181	Rev.Tom1		251	Bird1			
42	SynRim		112	LoTimbal		182	Rev.Tom2		252	Bird2			
43	CrashCym		113	Timbales		183	Kalimba1		253	Kitty			
44	CrashLP		114	WoodBlockH		184	Kalimba2		254	Dog			
45	ChinaCym		115	WoodBlockM		185	MusicBox1		255	Growl2			
46	ChinaLP		116	WoodBlockL		186	MusicBox2		256	Gallop			
47	SplashCym		117	Claves		187	LogDrum1		257	Laughing			
48	SplashLP		118	SynClaves		188	LogDrum2		258	LaughingV			
49	OrchCym		119	Castanet		189	LogDrum3		259	Scream			
50	OrchCymLP		120	CastanetV		190	LogDrum4		260	Punch			
51	TiteHH		121	FingerSnap		191	LogDrum5		261	HartBeat			
52	CloseHH		122	Snap		192	Marimba1		262	Footstep1			
53	OpenHH		123	Viblaslap		193	Marimba2		263	Footstep2			
54	PedalHH		124	GuiroS		194	Marimba3		264	Applause1			
55	CloseSynHH		125	GuiroL		195	Marimba4		265	Applause2			
56	OpenSynHH		126	Pull1		196	Xylofon1		266	Telephone1			
57	RideEdge		127	Pull2		197	Xylofon2		267	Telephone2			
58	RideCup		128	WhistleS		198	Xylofon3		268	DoorCreak			
59	RideCym1		129	WhistleL		199	Vibe1		269	DoorSlam			
60	RideCym2		130	HandClaps		200	Vibe2		270	CarEngine			
61	Tom1Hi		131	SynClaps		201	Vibe3		271	CarStop			
62	Tom1Lo		132	MetalHitHi		202	Vibe4		272	CarPass			
63	Tom2Hi		133	MetalHitLo		203	Celeste		273	CarCrash			
64	Tom2HiV		134	GtScratch		204	Glocken1		274	GlassBreak			
65	Tom2Lo		135	GtrSlide		205	Glocken2		275	Siren			
66	Tom2LoV		136	GtCutNois1		206	Glocken3		276	Train			
67	ProcessTom		137	GtCutNois2		207	BrightBell		277	Helicopter			
68	OilDrum		138	Chic1		208	MetalBell		278	GunShot1			
69	SynTom1		139	Chic2		209	Gamelan1		279	GunShot2			

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