

Common System Exclusive Messages

The following System Exclusive messages can be used to control various parameters within GS instruments. System Exclusive messages are simply strings of Hexidecimal numbers representing specific parameters and values. Each parameter has a specific address and range of appropriate values.

To use this document, find the parameter you wish to alter in the following charts. Locate the desired value within the chart, and it's corresponding Hex Message. Send this Hex Message via MIDI to any GS instrument. Most modern sequencers allow the creation and transmission of these System Exclusive messages. If you are unsure how to do this, refer to your sequencer's Owner's Manual for instructions on creating or inserting System Exclusive messages.

I. Resetting all Parameters

This message can be used at the beginning of each song file to reset all parameters within a GS instrument to their default settings. You may wish to use this message to insure that your setup data, (Program Changes, Control Change messages, etc.), is applied without influence of previous settings. It, in effect, "wipes the Canvas clean".

F0 41 10 42 12 40 00 7F 00 41 F7

II. Changing the MIDI Channel for a Part

These messages can be useful for creating Layers within a GS instrument. By assigning different sounds to two Parts, and then assigning both Parts to the same MIDI receive channel, a Layer is created. Both Parts will respond when data is received on this common channel. The same technique can be used to create layers of as many Parts as you wish. *Note: Each time you add a Part to a layer, you reduce the maximum available polyphony.* These messages can also be used to turn off MIDI reception for a given Part.

PART 1:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 11 02 00 2D F7	9	F0 41 10 42 12 40 11 02 08 25 F7
2	F0 41 10 42 12 40 11 02 01 2C F7	10	F0 41 10 42 12 40 11 02 09 24 F7
3	F0 41 10 42 12 40 11 02 02 2B F7	11	F0 41 10 42 12 40 11 02 0A 23 F7
4	F0 41 10 42 12 40 11 02 03 2A F7	12	F0 41 10 42 12 40 11 02 0B 22 F7
5	F0 41 10 42 12 40 11 02 04 29 F7	13	F0 41 10 42 12 40 11 02 0C 21 F7
6	F0 41 10 42 12 40 11 02 05 28 F7	14	F0 41 10 42 12 40 11 02 0D 20 F7
7	F0 41 10 42 12 40 11 02 06 27 F7	15	F0 41 10 42 12 40 11 02 0E 1F F7
8	F0 41 10 42 12 40 11 02 07 26 F7	16	F0 41 10 42 12 40 11 02 0F 1E F7
		Off	F0 41 10 42 12 40 11 02 10 1D F7

PART 2:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 12 02 00 2C F7	9	F0 41 10 42 12 40 12 02 08 24 F7
2	F0 41 10 42 12 40 12 02 01 2B F7	10	F0 41 10 42 12 40 12 02 09 23 F7
3	F0 41 10 42 12 40 12 02 02 2A F7	11	F0 41 10 42 12 40 12 02 0A 22 F7
4	F0 41 10 42 12 40 12 02 03 29 F7	12	F0 41 10 42 12 40 12 02 0B 21 F7
5	F0 41 10 42 12 40 12 02 04 28 F7	13	F0 41 10 42 12 40 12 02 0C 20 F7
6	F0 41 10 42 12 40 12 02 05 27 F7	14	F0 41 10 42 12 40 12 02 0D 1F F7
7	F0 41 10 42 12 40 12 02 06 26 F7	15	F0 41 10 42 12 40 12 02 0E 1E F7
8	F0 41 10 42 12 40 12 02 07 25 F7	16	F0 41 10 42 12 40 12 02 0F 1D F7
		Off	F0 41 10 42 12 40 12 02 10 1C F7

PART 3:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 13 02 00 2B F7	9	F0 41 10 42 12 40 13 02 08 23 F7
2	F0 41 10 42 12 40 13 02 01 2A F7	10	F0 41 10 42 12 40 13 02 09 22 F7
3	F0 41 10 42 12 40 13 02 02 29 F7	11	F0 41 10 42 12 40 13 02 0A 21 F7
4	F0 41 10 42 12 40 13 02 03 28 F7	12	F0 41 10 42 12 40 13 02 0B 20 F7
5	F0 41 10 42 12 40 13 02 04 27 F7	13	F0 41 10 42 12 40 13 02 0C 1F F7
6	F0 41 10 42 12 40 13 02 05 26 F7	14	F0 41 10 42 12 40 13 02 0D 1E F7
7	F0 41 10 42 12 40 13 02 06 25 F7	15	F0 41 10 42 12 40 13 02 0E 1D F7
8	F0 41 10 42 12 40 13 02 07 24 F7	16	F0 41 10 42 12 40 13 02 0F 1C F7
		Off	F0 41 10 42 12 40 13 02 10 1B F7

PART 4:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 14 02 00 2A F7	9	F0 41 10 42 12 40 14 02 08 22 F7
2	F0 41 10 42 12 40 14 02 01 29 F7	10	F0 41 10 42 12 40 14 02 09 21 F7
3	F0 41 10 42 12 40 14 02 02 28 F7	11	F0 41 10 42 12 40 14 02 0A 20 F7
4	F0 41 10 42 12 40 14 02 03 27 F7	12	F0 41 10 42 12 40 14 02 0B 1F F7
5	F0 41 10 42 12 40 14 02 04 26 F7	13	F0 41 10 42 12 40 14 02 0C 1E F7
6	F0 41 10 42 12 40 14 02 05 25 F7	14	F0 41 10 42 12 40 14 02 0D 1D F7
7	F0 41 10 42 12 40 14 02 06 24 F7	15	F0 41 10 42 12 40 14 02 0E 1C F7
8	F0 41 10 42 12 40 14 02 07 23 F7	16	F0 41 10 42 12 40 14 02 0F 1B F7
		Off	F0 41 10 42 12 40 14 02 10 1A F7

PART 5:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 15 02 00 29 F7	9	F0 41 10 42 12 40 15 02 08 21 F7
2	F0 41 10 42 12 40 15 02 01 28 F7	10	F0 41 10 42 12 40 15 02 09 20 F7
3	F0 41 10 42 12 40 15 02 02 27 F7	11	F0 41 10 42 12 40 15 02 0A 1F F7
4	F0 41 10 42 12 40 15 02 03 26 F7	12	F0 41 10 42 12 40 15 02 0B 1E F7
5	F0 41 10 42 12 40 15 02 04 25 F7	13	F0 41 10 42 12 40 15 02 0C 1D F7
6	F0 41 10 42 12 40 15 02 05 24 F7	14	F0 41 10 42 12 40 15 02 0D 1C F7
7	F0 41 10 42 12 40 15 02 06 23 F7	15	F0 41 10 42 12 40 15 02 0E 1B F7
8	F0 41 10 42 12 40 15 02 07 22 F7	16	F0 41 10 42 12 40 15 02 0F 1A F7
		Off	F0 41 10 42 12 40 15 02 10 19 F7

PART 6:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 16 02 00 28 F7	9	F0 41 10 42 12 40 16 02 08 20 F7
2	F0 41 10 42 12 40 16 02 01 27 F7	10	F0 41 10 42 12 40 16 02 09 1F F7
3	F0 41 10 42 12 40 16 02 02 26 F7	11	F0 41 10 42 12 40 16 02 0A 1E F7
4	F0 41 10 42 12 40 16 02 03 25 F7	12	F0 41 10 42 12 40 16 02 0B 1D F7
5	F0 41 10 42 12 40 16 02 04 24 F7	13	F0 41 10 42 12 40 16 02 0C 1C F7
6	F0 41 10 42 12 40 16 02 05 23 F7	14	F0 41 10 42 12 40 16 02 0D 1B F7
7	F0 41 10 42 12 40 16 02 06 22 F7	15	F0 41 10 42 12 40 16 02 0E 1A F7
8	F0 41 10 42 12 40 16 02 07 21 F7	16	F0 41 10 42 12 40 16 02 0F 19 F7
		Off	F0 41 10 42 12 40 16 02 10 18 F7

PART 7:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 17 02 00 27 F7	9	F0 41 10 42 12 40 17 02 08 1F F7
2	F0 41 10 42 12 40 17 02 01 26 F7	10	F0 41 10 42 12 40 17 02 09 1E F7
3	F0 41 10 42 12 40 17 02 02 25 F7	11	F0 41 10 42 12 40 17 02 0A 1D F7
4	F0 41 10 42 12 40 17 02 03 24 F7	12	F0 41 10 42 12 40 17 02 0B 1C F7
5	F0 41 10 42 12 40 17 02 04 23 F7	13	F0 41 10 42 12 40 17 02 0C 1B F7
6	F0 41 10 42 12 40 17 02 05 22 F7	14	F0 41 10 42 12 40 17 02 0D 1A F7
7	F0 41 10 42 12 40 17 02 06 21 F7	15	F0 41 10 42 12 40 17 02 0E 19 F7
8	F0 41 10 42 12 40 17 02 07 20 F7	16	F0 41 10 42 12 40 17 02 0F 18 F7
		Off	F0 41 10 42 12 40 17 02 10 17 F7

PART 8:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 18 02 00 26 F7	9	F0 41 10 42 12 40 18 02 08 1E F7
2	F0 41 10 42 12 40 18 02 01 25 F7	10	F0 41 10 42 12 40 18 02 09 1D F7
3	F0 41 10 42 12 40 18 02 02 24 F7	11	F0 41 10 42 12 40 18 02 0A 1C F7
4	F0 41 10 42 12 40 18 02 03 23 F7	12	F0 41 10 42 12 40 18 02 0B 1B F7
5	F0 41 10 42 12 40 18 02 04 22 F7	13	F0 41 10 42 12 40 18 02 0C 1A F7
6	F0 41 10 42 12 40 18 02 05 21 F7	14	F0 41 10 42 12 40 18 02 0D 19 F7
7	F0 41 10 42 12 40 18 02 06 20 F7	15	F0 41 10 42 12 40 18 02 0E 18 F7
8	F0 41 10 42 12 40 18 02 07 1F F7	16	F0 41 10 42 12 40 18 02 0F 17 F7
		Off	F0 41 10 42 12 40 18 02 10 16 F7

PART 9:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 19 02 00 25 F7	9	F0 41 10 42 12 40 19 02 08 1D F7
2	F0 41 10 42 12 40 19 02 01 24 F7	10	F0 41 10 42 12 40 19 02 09 1C F7
3	F0 41 10 42 12 40 19 02 02 23 F7	11	F0 41 10 42 12 40 19 02 0A 1B F7
4	F0 41 10 42 12 40 19 02 03 22 F7	12	F0 41 10 42 12 40 19 02 0B 1A F7
5	F0 41 10 42 12 40 19 02 04 21 F7	13	F0 41 10 42 12 40 19 02 0C 19 F7
6	F0 41 10 42 12 40 19 02 05 20 F7	14	F0 41 10 42 12 40 19 02 0D 18 F7
7	F0 41 10 42 12 40 19 02 06 1F F7	15	F0 41 10 42 12 40 19 02 0E 17 F7
8	F0 41 10 42 12 40 19 02 07 1E F7	16	F0 41 10 42 12 40 19 02 0F 16 F7
		Off	F0 41 10 42 12 40 19 02 10 15 F7

PART 10:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 10 02 00 2E F7	9	F0 41 10 42 12 40 10 02 08 26 F7
2	F0 41 10 42 12 40 10 02 01 2D F7	10	F0 41 10 42 12 40 10 02 09 25 F7
3	F0 41 10 42 12 40 10 02 02 2C F7	11	F0 41 10 42 12 40 10 02 0A 24 F7
4	F0 41 10 42 12 40 10 02 03 2B F7	12	F0 41 10 42 12 40 10 02 0B 23 F7
5	F0 41 10 42 12 40 10 02 04 2A F7	13	F0 41 10 42 12 40 10 02 0C 22 F7
6	F0 41 10 42 12 40 10 02 05 29 F7	14	F0 41 10 42 12 40 10 02 0D 21 F7
7	F0 41 10 42 12 40 10 02 06 28 F7	15	F0 41 10 42 12 40 10 02 0E 20 F7
8	F0 41 10 42 12 40 10 02 07 27 F7	16	F0 41 10 42 12 40 10 02 0F 1F F7
		Off	F0 41 10 42 12 40 10 02 10 1E F7

PART 11:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 1A 02 00 24 F7	9	F0 41 10 42 12 40 1A 02 08 1C F7
2	F0 41 10 42 12 40 1A 02 01 23 F7	10	F0 41 10 42 12 40 1A 02 09 1B F7
3	F0 41 10 42 12 40 1A 02 02 22 F7	11	F0 41 10 42 12 40 1A 02 0A 1A F7
4	F0 41 10 42 12 40 1A 02 03 21 F7	12	F0 41 10 42 12 40 1A 02 0B 19 F7
5	F0 41 10 42 12 40 1A 02 04 20 F7	13	F0 41 10 42 12 40 1A 02 0C 18 F7
6	F0 41 10 42 12 40 1A 02 05 1F F7	14	F0 41 10 42 12 40 1A 02 0D 17 F7
7	F0 41 10 42 12 40 1A 02 06 1E F7	15	F0 41 10 42 12 40 1A 02 0E 16 F7
8	F0 41 10 42 12 40 1A 02 07 1D F7	16	F0 41 10 42 12 40 1A 02 0F 15 F7
		Off	F0 41 10 42 12 40 1A 02 10 14 F7

PART 12:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 1B 02 00 23 F7	9	F0 41 10 42 12 40 1B 02 08 1B F7
2	F0 41 10 42 12 40 1B 02 01 22 F7	10	F0 41 10 42 12 40 1B 02 09 1A F7
3	F0 41 10 42 12 40 1B 02 02 21 F7	11	F0 41 10 42 12 40 1B 02 0A 19 F7
4	F0 41 10 42 12 40 1B 02 03 20 F7	12	F0 41 10 42 12 40 1B 02 0B 18 F7
5	F0 41 10 42 12 40 1B 02 04 1F F7	13	F0 41 10 42 12 40 1B 02 0C 17 F7
6	F0 41 10 42 12 40 1B 02 05 1E F7	14	F0 41 10 42 12 40 1B 02 0D 16 F7
7	F0 41 10 42 12 40 1B 02 06 1D F7	15	F0 41 10 42 12 40 1B 02 0E 15 F7
8	F0 41 10 42 12 40 1B 02 07 1C F7	16	F0 41 10 42 12 40 1B 02 0F 14 F7
		Off	F0 41 10 42 12 40 1B 02 10 13 F7

PART 13:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 1C 02 00 22 F7	9	F0 41 10 42 12 40 1C 02 08 1A F7
2	F0 41 10 42 12 40 1C 02 01 21 F7	10	F0 41 10 42 12 40 1C 02 09 19 F7
3	F0 41 10 42 12 40 1C 02 02 20 F7	11	F0 41 10 42 12 40 1C 02 0A 18 F7
4	F0 41 10 42 12 40 1C 02 03 1F F7	12	F0 41 10 42 12 40 1C 02 0B 17 F7
5	F0 41 10 42 12 40 1C 02 04 1E F7	13	F0 41 10 42 12 40 1C 02 0C 16 F7
6	F0 41 10 42 12 40 1C 02 05 1D F7	14	F0 41 10 42 12 40 1C 02 0D 15 F7
7	F0 41 10 42 12 40 1C 02 06 1C F7	15	F0 41 10 42 12 40 1C 02 0E 14 F7
8	F0 41 10 42 12 40 1C 02 07 1B F7	16	F0 41 10 42 12 40 1C 02 0F 13 F7
		Off	F0 41 10 42 12 40 1C 02 10 12 F7

PART 14:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 1D 02 00 21 F7	9	F0 41 10 42 12 40 1D 02 08 19 F7
2	F0 41 10 42 12 40 1D 02 01 20 F7	10	F0 41 10 42 12 40 1D 02 09 18 F7
3	F0 41 10 42 12 40 1D 02 02 1F F7	11	F0 41 10 42 12 40 1D 02 0A 17 F7
4	F0 41 10 42 12 40 1D 02 03 1E F7	12	F0 41 10 42 12 40 1D 02 0B 16 F7
5	F0 41 10 42 12 40 1D 02 04 1D F7	13	F0 41 10 42 12 40 1D 02 0C 15 F7
6	F0 41 10 42 12 40 1D 02 05 1C F7	14	F0 41 10 42 12 40 1D 02 0D 14 F7
7	F0 41 10 42 12 40 1D 02 06 1B F7	15	F0 41 10 42 12 40 1D 02 0E 13 F7
8	F0 41 10 42 12 40 1D 02 07 1A F7	16	F0 41 10 42 12 40 1D 02 0F 12 F7
		Off	F0 41 10 42 12 40 1D 02 10 11 F7

PART 15:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 1E 02 00 20 F7	9	F0 41 10 42 12 40 1E 02 08 18 F7
2	F0 41 10 42 12 40 1E 02 01 1F F7	10	F0 41 10 42 12 40 1E 02 09 17 F7
3	F0 41 10 42 12 40 1E 02 02 1E F7	11	F0 41 10 42 12 40 1E 02 0A 16 F7
4	F0 41 10 42 12 40 1E 02 03 1D F7	12	F0 41 10 42 12 40 1E 02 0B 15 F7
5	F0 41 10 42 12 40 1E 02 04 1C F7	13	F0 41 10 42 12 40 1E 02 0C 14 F7
6	F0 41 10 42 12 40 1E 02 05 1B F7	14	F0 41 10 42 12 40 1E 02 0D 13 F7
7	F0 41 10 42 12 40 1E 02 06 1A F7	15	F0 41 10 42 12 40 1E 02 0E 12 F7
8	F0 41 10 42 12 40 1E 02 07 19 F7	16	F0 41 10 42 12 40 1E 02 0F 11 F7
		Off	F0 41 10 42 12 40 1E 02 10 10 F7

PART 16:

Ch.	Message	Ch.	Message
1	F0 41 10 42 12 40 1F 02 00 1F F7	9	F0 41 10 42 12 40 1F 02 08 17 F7
2	F0 41 10 42 12 40 1F 02 01 1E F7	10	F0 41 10 42 12 40 1F 02 09 16 F7
3	F0 41 10 42 12 40 1F 02 02 1D F7	11	F0 41 10 42 12 40 1F 02 0A 15 F7
4	F0 41 10 42 12 40 1F 02 03 1C F7	12	F0 41 10 42 12 40 1F 02 0B 14 F7
5	F0 41 10 42 12 40 1F 02 04 1B F7	13	F0 41 10 42 12 40 1F 02 0C 13 F7
6	F0 41 10 42 12 40 1F 02 05 1A F7	14	F0 41 10 42 12 40 1F 02 0D 12 F7
7	F0 41 10 42 12 40 1F 02 06 19 F7	15	F0 41 10 42 12 40 1F 02 0E 11 F7
8	F0 41 10 42 12 40 1F 02 07 18 F7	16	F0 41 10 42 12 40 1F 02 0F 10 F7
		Off	F0 41 10 42 12 40 1F 02 10 0F F7

III. Changing the Reverb and Chorus Type

These messages can be used to select different Effect Types within GS instruments. There are 8 Reverb Types and 8 Chorus Types available. Use the following charts to locate the desired Effect Type and corresponding Hex Message.

Reverb:

Effect Type	Message
Room 1	F0 41 10 42 12 40 01 30 00 0F F7
Room 2	F0 41 10 42 12 40 01 30 01 0E F7
Room 3	F0 41 10 42 12 40 01 30 02 0D F7
Hall 1	F0 41 10 42 12 40 01 30 03 0C F7
Hall 2	F0 41 10 42 12 40 01 30 04 0B F7
Plate	F0 41 10 42 12 40 01 30 05 0A F7
Delay	F0 41 10 42 12 40 01 30 06 09 F7
Panning-Delay	F0 41 10 42 12 40 01 30 07 08 F7

Chorus:

Effect Type	Message
Chorus 1	F0 41 10 42 12 40 01 38 00 07 F7
Chorus 2	F0 41 10 42 12 40 01 38 01 06 F7
Chorus 3	F0 41 10 42 12 40 01 38 02 05 F7
Chorus 4	F0 41 10 42 12 40 01 38 03 04 F7
Feedback	F0 41 10 42 12 40 01 38 04 03 F7
Flanger	F0 41 10 42 12 40 01 38 05 02 F7
S-Delay	F0 41 10 42 12 40 01 38 06 01 F7
S-Delay 2	F0 41 10 42 12 40 01 38 07 00 F7

IV. Creating an Additional Drum Part

There are two Drum Maps available to any Part within a GS instrument. Each of these Drum Maps can contain any available Drum Set, as well as custom settings, such as Pitch, Level, Panning, etc. Creating an additional Drum Part can allow you to have two complete Drum Sets available at the same time on separate MIDI channels.

Each Part can be assigned one of three Mode settings, Norm, Drum1, or Drum2.

When the Part Mode for any Part is set to norm, that Part will function as a normal instrument Part, using all Capital Tones and Variations. When the Part Mode for any Part is set to drum1, that Part will use Drum Map 1.

When the Part Mode for any Part is set to drum2, that Part will use Drum Map 2.

The default Part Mode setting for Parts 1-9 and 11-16 is Normal. The default setting for Part 10 is Drum1.

Normal:

Part	Message	Part	Message
1	F0 4110 42 12 40 11 15 00 1A F7	9	F0 4110 42 12 40 19 15 00 12 F7
2	F0 4110 42 12 40 12 15 00 19 F7	10	F0 4110 42 12 40 10 15 00 1B F7
3	F0 4110 42 12 40 13 15 00 18 F7	11	F0 4110 42 12 40 1A 15 00 11 F7
4	F0 4110 42 12 40 14 15 00 17 F7	12	F0 4110 42 12 40 1B 15 00 10 F7
5	F0 4110 42 12 40 15 15 00 16 F7	13	F0 4110 42 12 40 1C 15 00 0F F7
6	F0 4110 42 12 40 16 15 00 15 F7	14	F0 4110 42 12 40 1D 15 00 0E F7
7	F0 4110 42 12 40 17 15 00 14 F7	15	F0 4110 42 12 40 1E 15 00 0D F7
8	F0 4110 42 12 40 18 15 00 13 F7	16	F0 4110 42 12 40 1F 15 00 0C F7

Drum 1:

Part	Message	Part	Message
1	F0 4110 42 12 40 11 15 01 19 F7	9	F0 4110 42 12 40 19 15 01 11 F7
2	F0 4110 42 12 40 12 15 01 18 F7	10	F0 4110 42 12 40 10 15 01 1A F7
3	F0 4110 42 12 40 13 15 01 17 F7	11	F0 4110 42 12 40 1A 15 01 10 F7
4	F0 4110 42 12 40 14 15 01 16 F7	12	F0 4110 42 12 40 1B 15 01 0F F7
5	F0 4110 42 12 40 15 15 01 15 F7	13	F0 4110 42 12 40 1C 15 01 0E F7
6	F0 4110 42 12 40 16 15 01 14 F7	14	F0 4110 42 12 40 1D 15 01 0D F7
7	F0 4110 42 12 40 17 15 01 13 F7	15	F0 4110 42 12 40 1E 15 01 0C F7
8	F0 4110 42 12 40 18 15 01 12 F7	16	F0 4110 42 12 40 1F 15 01 0B F7

Drum 2:

Part	Message	Part	Message
1	F0 4110 42 12 40 11 15 02 18 F7	9	F0 4110 42 12 40 19 15 02 10 F7
2	F0 4110 42 12 40 12 15 02 17 F7	10	F0 4110 42 12 40 10 15 02 19 F7
3	F0 4110 42 12 40 13 15 02 16 F7	11	F0 4110 42 12 40 1A 15 02 0F F7
4	F0 4110 42 12 40 14 15 02 15 F7	12	F0 4110 42 12 40 1B 15 02 0E F7
5	F0 4110 42 12 40 15 15 02 14 F7	13	F0 4110 42 12 40 1C 15 02 0D F7
6	F0 4110 42 12 40 16 15 02 13 F7	14	F0 4110 42 12 40 1D 15 02 0C F7
7	F0 4110 42 12 40 17 15 02 12 F7	15	F0 4110 42 12 40 1E 15 02 0B F7
8	F0 4110 42 12 40 18 15 02 11 F7	16	F0 4110 42 12 40 1F 15 02 0A F7

V. Setting a Part to Mono or Poly Mode

Each Part in a GS instrument can be set to either Mono or Poly Mode. The default setting for all Parts is Poly Mode, which allows more than one note to be played at once. Interesting effects can be obtained by setting a Part to Mono Mode, which allows only one note to be played at a time.

Mono Mode:

Part	Message	Part	Message
1	F0 41 10 42 12 40 11 13 00 1C F7	9	F0 41 10 42 12 40 19 13 00 14 F7
2	F0 41 10 42 12 40 12 13 00 1B F7	10	F0 41 10 42 12 40 10 13 00 1D F7
3	F0 41 10 42 12 40 13 13 00 1A F7	11	F0 41 10 42 12 40 1A 13 00 13 F7
4	F0 41 10 42 12 40 14 13 00 19 F7	12	F0 41 10 42 12 40 1B 13 00 12 F7
5	F0 41 10 42 12 40 15 13 00 18 F7	13	F0 41 10 42 12 40 1C 13 00 11 F7
6	F0 41 10 42 12 40 16 13 00 17 F7	14	F0 41 10 42 12 40 1D 13 00 10 F7
7	F0 41 10 42 12 40 17 13 00 16 F7	15	F0 41 10 42 12 40 1E 13 00 0F F7
8	F0 41 10 42 12 40 18 13 00 15 F7	16	F0 41 10 42 12 40 1F 13 00 0E F7

Poly Mode:

Part	Message	Part	Message
1	F0 41 10 42 12 40 11 13 01 1B F7	9	F0 41 10 42 12 40 19 13 01 13 F7
2	F0 41 10 42 12 40 12 13 01 1A F7	10	F0 41 10 42 12 40 10 13 01 1C F7
3	F0 41 10 42 12 40 13 13 01 19 F7	11	F0 41 10 42 12 40 1A 13 01 12 F7
4	F0 41 10 42 12 40 14 13 01 18 F7	12	F0 41 10 42 12 40 1B 13 01 11 F7
5	F0 41 10 42 12 40 15 13 01 17 F7	13	F0 41 10 42 12 40 1C 13 01 10 F7
6	F0 41 10 42 12 40 16 13 01 16 F7	14	F0 41 10 42 12 40 1D 13 01 0F F7
7	F0 41 10 42 12 40 17 13 01 15 F7	15	F0 41 10 42 12 40 1E 13 01 0E F7
8	F0 41 10 42 12 40 18 13 01 14 F7	16	F0 41 10 42 12 40 1F 13 01 0D F7

VI. Setting the Master Key Shift

Setting the Master Key Shift allows you to transpose all normal Parts, leaving the drum Part(s) unaffected. Available Key Shift settings range from -24 to +24. Each increment represents one semi-tone.

K.S.	Message	K.S.	Message
-24	F0 41 10 42 12 40 00 05 28 13 F7	0	F0 41 10 42 12 40 00 05 40 7B F7
-23	F0 41 10 42 12 40 00 05 29 12 F7	+1	F0 41 10 42 12 40 00 05 41 7A F7
-22	F0 41 10 42 12 40 00 05 2A 11 F7	+2	F0 41 10 42 12 40 00 05 42 79 F7
-21	F0 41 10 42 12 40 00 05 2B 10 F7	+3	F0 41 10 42 12 40 00 05 43 78 F7
-20	F0 41 10 42 12 40 00 05 2C 0F F7	+4	F0 41 10 42 12 40 00 05 44 77 F7
-19	F0 41 10 42 12 40 00 05 2D 0E F7	+5	F0 41 10 42 12 40 00 05 45 76 F7
-18	F0 41 10 42 12 40 00 05 2E 0D F7	+6	F0 41 10 42 12 40 00 05 46 75 F7
-17	F0 41 10 42 12 40 00 05 2F 0C F7	+7	F0 41 10 42 12 40 00 05 47 74 F7
-16	F0 41 10 42 12 40 00 05 30 0B F7	+8	F0 41 10 42 12 40 00 05 48 73 F7
-15	F0 41 10 42 12 40 00 05 31 0A F7	+9	F0 41 10 42 12 40 00 05 49 72 F7
-14	F0 41 10 42 12 40 00 05 32 09 F7	+10	F0 41 10 42 12 40 00 05 4A 71 F7
-13	F0 41 10 42 12 40 00 05 33 08 F7	+11	F0 41 10 42 12 40 00 05 4B 70 F7
-12	F0 41 10 42 12 40 00 05 34 07 F7	+12	F0 41 10 42 12 40 00 05 4C 6F F7
-11	F0 41 10 42 12 40 00 05 35 06 F7	+13	F0 41 10 42 12 40 00 05 4D 6E F7
-10	F0 41 10 42 12 40 00 05 36 05 F7	+14	F0 41 10 42 12 40 00 05 4E 6D F7
-9	F0 41 10 42 12 40 00 05 37 04 F7	+15	F0 41 10 42 12 40 00 05 4F 6C F7
-8	F0 41 10 42 12 40 00 05 38 03 F7	+16	F0 41 10 42 12 40 00 05 50 6B F7
-7	F0 41 10 42 12 40 00 05 39 02 F7	+17	F0 41 10 42 12 40 00 05 51 6A F7
-6	F0 41 10 42 12 40 00 05 3A 01 F7	+18	F0 41 10 42 12 40 00 05 52 69 F7
-5	F0 41 10 42 12 40 00 05 3B 00 F7	+19	F0 41 10 42 12 40 00 05 53 68 F7
-4	F0 41 10 42 12 40 00 05 3C 7F F7	+20	F0 41 10 42 12 40 00 05 54 67 F7
-3	F0 41 10 42 12 40 00 05 3D 7E F7	+21	F0 41 10 42 12 40 00 05 55 66 F7
-2	F0 41 10 42 12 40 00 05 3E 7D F7	+22	F0 41 10 42 12 40 00 05 56 65 F7
-1	F0 41 10 42 12 40 00 05 3F 7C F7	+23	F0 41 10 42 12 40 00 05 57 64 F7
		24	F0 41 10 42 12 40 00 05 58 63 F7