

V-Mixer

RS-232C Reference Version 2.1

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Introduction

This manual explains how you can control the V-Mixer via RS-232C.

This document is written for the following V-Mixer:

- M-480
- M-400
- M-380
- M-300
- M-200i

For details on the V-Mixer itself, please refer to the each V-Mixer's owner's manual.

This document assumes that you have a general understanding of computers. For details on computer terminology and usage, please refer to other documentation.

Please be aware that the contents described in this document are subject to change without notice.

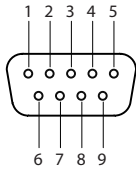
Setup

About the RS-232C interface

RS-232C is a standard serial interface. An explanation of the connections used by the V-Mixer is given below.

Connector and cable

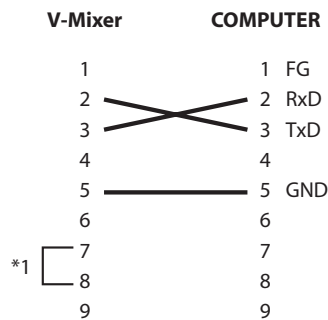
Connector specifications



| Pin number | Signal name |
|------------|--------------------|
| 1 | NC |
| 2 | RxD (Data In) |
| 3 | TxD (Data Out) |
| 4 | NC |
| 5 | GND |
| 6 | NC |
| 7 | Connected to pin 8 |
| 8 | Connected to pin 7 |
| 9 | NC |

Cable specifications

RS-232C CABLE *2



Handshaking

When data is sent from the computer and the V-Mixer's processing speed is slower than the speed of the incoming data, something must be done to prevent part of the data from being lost. Conversely, when data is transmitted from the V-Mixer and the computer's processing speed is slower than the arriving data, loss of data can occur in the same way.

For this reason, the V-Mixer uses "Xon/Xoff" handshaking. The external computer can control the transmission from the V-Mixer in the same way.

- "Xon": This signal is named DC1 (11H) in ASCII code; it is a control code requesting that transmission be started.
- "Xoff": This signal is named DC3 (13H) in ASCII code; it is a control code requesting that transmission be stopped.

Setup procedure

To set up the V-Mixer and the computer that will control it, proceed as follows:

1. Connect the control computer.

Use a RS-232C cable to connect your computer and the V-Mixer.

📖 “Connection with the control computer” (p. 6).

2. Power up the computer that will be controlling the V-Mixer.

3. Make settings for the control computer

Perform the communication settings.

📖 “Settings on the control computer” (p. 6).

4. Make settings on the V-Mixer.

Perform the communication settings.

📖 “Settings on the V-Mixer” (p. 6).

5. Start operating the V-Mixer.

Control computer → V-Mixer data transmission will begin.

Connection with the control computer

1. Power off the V-Mixer and the computer.

2. On the rear panel of the V-Mixer, set the RS-232C/MIDI switch to the RS-232C position.

* When you are using M-200i, turn on the power and then select “RS-232C” under RS-232C/MIDI SELECT parameter. Refer to the M-200i’s owner’s manual for details.

3. Use an RS-232C cable to connect the RS-232C connector of your computer to the RS-232C connector located on the back of the V-Mixer.

📖 For details on the cable to use, refer to “Connector and cable” (p. 5).

Settings on the control computer

1. Communication settings on the computer

| | |
|-----------------------------|--|
| Communication method | Synchronous (asynchronous), full-duplex |
| Communication speed | 4800 / 9600 / 14400 / 31250 / 38400 / 57600 / 115200 bps You can select this as desired, but it must be the same as the setting on the V-Mixer. |
| Parity | none |
| Data length | 8 bit |
| Stop bit | 1 bit |
| Code set | ASCII |
| XonXoff | on |

* For details on how to set the communication settings, refer to the owner’s manual of the computer you’re using.

Settings on the V-Mixer

When you power up the V-Mixer, the communication speed will be set to 115200 bps by default. If you’re using the V-Mixer via RS-232C, you’ll need to set its communication speed to match the setting of the computer.

For details on how to set this, refer to the each V-Mixer’s owner’s manual.

Overview of commands

The V-Mixer and the control computer communicate via commands. There are several types of commands, and you can control the V-Mixer by using the command that's appropriate for your purpose.

Overview of commands

Single-byte alphanumeric characters are used for commands. In general, the command syntax is an ASCII string consisting of "stx" and "three uppercase letters" followed by a ";" (semicolon). The three letters indicate the type of command. However, there are other types depending on the command.

☞ "Command syntax" (p. 8).

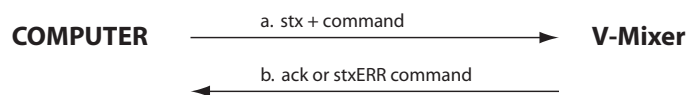
- * "stx": This is the name of the signal in ASCII code (code number 02H in hexadecimal); it is a control code that indicates the beginning of a command.
- * ";": This code lets the V-Mixer detect the end of the command.
<Ex.> To transmit the ** command, transmit the ASCII string "stx**;"

Protocol

Depending on the command, there are two types of communication protocols between the control computer and the V-Mixer.

● When specifying an operation or setting for the V-Mixer

This type corresponds to the "Control commands" (p. 11). These commands use the procedure shown in the following diagram.

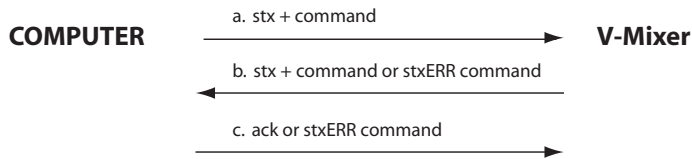


- Transmit the command from the computer to the V-Mixer.
- The V-Mixer will output "ack" if the command was received correctly, or an ERR command in case of invalid reception.

- * "ack": This is the ASCII code name of the control code (06H in hexadecimal) acknowledging successful reception.
- * Invalid reception corresponds to cases in which the syntax of the received command was incorrect.
- * stxERR is the command used to transmit or receive an error indication.

● **To learn the settings of the V-Mixer**

This type corresponds to the "Request commands" (p. 36). Commands used to check the status of a setting in the V-Mixer use the following procedure.



- a. Transmit the command from the computer to the V-Mixer.
- b. If the V-Mixer receives the command correctly, it will send back a command containing the information that was requested. If the command was not received correctly, an ERR command will be sent back.
- c. If the output of the V-Mixer was received correctly, an "ack" will be sent back. (* This "ack" can be omitted.)

- * If the ERR command is sent to the V-Mixer, the V-Mixer will re-transmit the command it sent in step "b." This command can also be omitted; instead of returning anything, you can repeat the procedure from step "a."
- * The V-Mixer will not transmit anything when a setting is changed by a controller operation on the V-Mixer itself.

Command syntax

There are several possible types of syntax for commands (control signals).

- Type 0: Commands consisting only of a control code
";" is not added to these. They consist only of the control code.
<Ex.> ack
- Type 1: Commands that have no parameters
These commands end with ";".
<Ex.> stxVRQ;
- Type 2: Commands that have parameters
Command: parameter, parameter...;
 - The command is separated from the parameters by a ":" (colon).
 - Parameters are separated by a "," (comma).
 - The end of the parameters is indicated by a ";" (semicolon).

- * No spaces or tabs are allowed between commands or parameters.

Input parameters

In general, parameters are given as decimal numbers or letters, and are of variable length.

stxFDC:I1,-25; / stxFDC:I12,0; / stxFDC:AX16,0; / stxFDC:MA,-10;

Output parameters

Parameters are generally given in decimal or alphabetic form, and their length may vary.

stxFDS:I5,-12; / stxFDS:I24,0; / stxFDS:AX8,-6; / stxFDS:MA,-12;

Cautions during use

Do not perform the following actions while the control computer and the V-Mixer are communicating. Doing so may cause the V-Mixer to malfunction.

- Disconnect the RS-232C cable
- Power off the V-Mixer

Command details

Channel selection parameters

Some commands have a parameter that select a channel, DCA group, MUTE group, or user fader. These parameters are called the "channel selection parameter." The relationship between the V-Mixer's channels and channel selection parameters are shown below.

| | | V-Mixer's channels | Channel selection parameters |
|------------------------|-----------------------------|--|--|
| Input channels | | CH 1, CH 2, ... CH48 | I1, I2, ... I48 |
| RTN channels | (M-480) | RTN 1, RTN 2, ... RTN 6 | R1, R2, ... R6 |
| | | RTN 1L, RTN 1R, RTN 2L, ... RTN 6R | R1L, R1R, R2L, ... R6R |
| AUX channels | | AUX 1, AUX 2, ... AUX16 | AX1, AX2, ... AX16 |
| MATRIX channels | | MATRIX 1, MATRIX 2, ... MATRIX 8 | MX1, MX2, ... MX8 |
| MAIN channels | | MAIN L, MAIN R, MAIN C | MAL, MAR, MAC |
| DCA groups | | DCA 1, DCA 2, ... DCA24 | DCA1, DCA2, ... DCA24 |
| MUTE groups | | MUTE 1, MUTE 2, ... MUTE 8 | MG1, MG2, ... MG8 |
| USER FADERS | (M-480/) (M-400) | LAYER 1: FADER 1, FADER 2, ... FADER 24 LAYER 2: FADER 1, FADER 2, ... FADER 24 LAYER 2: FADER 1, FADER 2, ... FADER 24 | U1, U2, ... U24 U25, U26, ... U48 U49, U50, ... U72 |
| | (M-380) | LAYER 1: FADER 1, FADER 2, ... FADER 12 LAYER 2: FADER 1, FADER 2, ... FADER 12 LAYER 3: FADER 1, FADER 2, ... FADER 12 LAYER 4: FADER 1, FADER 2, ... FADER 12 LAYER 5: FADER 1, FADER 2, ... FADER 12 LAYER 6: FADER 1, FADER 2, ... FADER 12 | U1, U2, ... U12 U13, U14, ... U24 U25, U26, ... U36 U37, U38, ... U48 U49, U50, ... U60 U61, U62, ... U72 |
| | (M-300) (M-200i) | LAYER 1: FADER 1, FADER 2, ... FADER 16 LAYER 2: FADER 1, FADER 2, ... FADER 16 | U1, U2, ... U16 U17, U18, ... U32 |

Commands sent from the control computer to the V-Mixer

The following three types of commands are sent from an external device to the V-Mixer.

- **Control (execution) commands**

These commands are used to adjust the volume and to make various settings.

- **Request commands**

These commands are used to check the current state of the V-Mixer's settings.

* After performing a control operation, you should use a request command to check the state of the settings.

- **Reply commands**

Commands such as "ack" and "ERR" are in this category. These commands are used to reply to the V-Mixer when a request command is used.

Details of commands sent from the control computer to the V-Mixer

Control commands

PTC: Phantom power supply on/off

Function: Turns the +48 V phantom power supply on/off.

Syntax: `stxPTC:a,b;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|-------------------------|
| M-480 | I1–I48, R1L–R6R, U1–U72 |
| M-400/M-380 | I1–I48, U1–U72 |
| M-300 | I1–I32, U1–U32 |
| M-200i | I1–I32, U1–U32 |

b: On/off (0: Off, 1: On)

<Ex.> `stxPTC:I1,1;`
Turns the CH 1 phantom power on.

Note: In the following cases, the V-Mixer will return an ERR command (`stxERR:5;`) and will ignore your command:

- If you specify a channel that does not have phantom power.
- If you specify U1–U72 that is assigned to the above.

If you specify R1–R6, left side of the channel (RTN 1L, RTN 2L, ... or RTN 6L) will be selected (M-480).

PSC: φ (phase/polarity) on/off

Function: Turns φ (phase/polarity) on/off.

Syntax: **stxPSC:a,b;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|-------------------------|
| M-480 | I1-I48, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> **stxPSC:1,1;**
Turns the CH 1 φ (phase/polarity) on (inverted phase).

Note: In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1-U72 that is assigned to the above.

If you specify R1-R6, left side of the channel (RTN 1L, RTN 2L, ... or RTN 6L) will be selected (M-480).

PGC: Preamp gain setting

Function: Sets the pad and preamp gain of a channel.

Syntax: `stxPGC:a,b,c;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|-------------------------|
| M-480 | I1-I48, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: Pad on/off (0: Off, 1: On)

c: Preamp gain *1 dB steps

-10 to -65 (with pad off)

10 to -45 (with pad on)

0 to -18 (for the channel to which STEREO IN is assigned. M-480/M-400/M-380 only.)

4 to -28 (for the channel to which CONSOLE IN 5-12 is assigned. M-300 only.)

4 to -65 (for the channel to which INPUT 1-16 is assigned. M-200i only.)

4 to -28 (for the channel to which INPUT 17-24 is assigned. M-200i only.)

<Ex.> **stxPGC:I1,1,4;**

Turns the CH 1 pad on, and sets the preamp gain to +4 dBu.

Note:

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel that has no gain adjustment.
- If you turn on the pad of a channel that has no pad.
- If you specified GAIN setting is out of range.
- If you specify U1-U72 that is assigned to the above.

If you specify R1-R6, left side of the channel (RTN 1L, RTN 2L, ... or RTN 6L) will be selected (M-480).

FLC: Filter on/off

Function: Turns the filter on/off.

Syntax: `stxFLC:a,b;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|----------------|
| M-480 | I1-I48, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> `stxFLC:1,1;`
Turns the CH 1 filter on.

Note: If you set this for a stereo-linked channel, both L and R channel will be set.

In the following cases, the V-Mixer will return an ERR command (`stxERR:5;`) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1-U72 that is assigned to the above.

EQC: EQ on/off

Function: Turns the EQ on/off.

Syntax: **stxEQC:** a,b; (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR,, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> **stxEQC:I1,1;**
Turns the CH 1 EQ on.

Note: If you set this for a stereo-linked channel, both L and R channel will be set.

If you set this for either MAIN L or R channel, both MAIN L and R channel will be set, since MAIN L/R channels are always stereo-linked.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify a U1-U72 that is assigned to the above.

GTC: Gate on/off

Function: Turns the gate on/off.

Syntax: `stxGTC:a,b;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|----------------|
| M-480 | I1-I48, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> `stxGTC:I1,1;`
Turns the CH 1 gate on.

Note: If you set this for a stereo-linked channel, both L and R channel will be set.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you are attempting to turn the gate on, and doing so would cause the gate to be on for 25 or more channels (M-400/M-380 only).
- If you specify U1-U72 that is assigned to the above.

CPC: Comp/limiter on/off

Function: Turns the compressor/limiter on/off.

Syntax: `stxCPC:a,b;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> `stxCPC:1,1;`
Turns the CH 1 compressor on.

Note: If you set this for a stereo-linked channel, both L and R channel will be set.

If you set this for either MAIN L or R channel, both MAIN L and R channel will be set, since MAIN L/R channels are always stereo-linked.

In the following cases, the V-Mixer will return an ERR command (`stxERR:5;`) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you are attempting to turn on the compressor of an input channel, and doing so would cause the compressor to be on for 25 or more input channels (M-400/M-380 only).
- If you specify U1-U72 that is assigned to the above.

AXC: AUX send setting

Function: Sets the AUX send level and AUX pan for input channel or MAIN.

Syntax: **stxAXC:**a,b,c,d; (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--------------------------------|
| M-480 | I1-I48, R1-R6, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: AUX channel selection

| | |
|--------------------|----------|
| M-480 | AX1-AX16 |
| M-400/M-380 | AX1-AX16 |
| M-300 | AX1-AX8 |
| M-200i | AX1-AX8 |

c: AUX send level (INF, -80.0-10.0) *0.1 dB steps

d: AUX pan (L63-C-R63) *Steps of 1

<Ex.> **stxAXC:I1,AX1,4.0,R30;**

Sets the AUX 1 send level to +4.0 dB, and the AUX pan to R30 for CH1.

Note:

If you set the AUX send level for a stereo-linked channel, both L and R channel will be set. However, the AUX pan can be set individually for L and R.

If you set the AUX send level for either MAIN L or R channel, both MAIN L and R channel will be set. However, the AUX pan can be set individually for MAIN L and R.

If you specify an AUX channel that is not stereo-linked, the V-Mixer will ignore the AUX pan parameter.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1-U72 that is assigned to the above.

If you specify R1-R6, left side of the channel (RTN 1L, RTN 2L, ... or RTN 6L) will be selected for the AUX pan (M-480).

MXC: MATRIX send setting

Function: Sets the MATRIX send level and MATRIX pan for input channel, AUX, or MAIN.

Syntax: `stxMXC:a,b,c,d;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1–I48, R1–R6, R1L–R6R, AX1–AX16, MX1–MX8, MAL, MAR, MAC, U1–U72 |
| M-400/M-380 | AX1–AX16, MAL, MAR, MAC, U1–U72 |
| M-300 | I1–I32, AX1–AX8, MAL, MAR, MAC, U1–U32 |
| M-200i | I1–I32, AX1–AX8, MAL, MAR, U1–U32 |

b: MATRIX channel selection

| | |
|--------------------|---------|
| M-480 | MX1–MX8 |
| M-400/M-380 | MX1–MX8 |
| M-300 | MX1–MX4 |
| M-200i | MX1–MX4 |

c: MATRIX send level (INF, -80.0–10.0) *0.1 dB steps

d: MATRIX pan (L63–C–R63) *Steps of 1

<Ex.> **stxMXC: AX1,MX1,4.0,R30;**

Sets the MATRIX 1 send level to +4.0 dB, and the MATRIX pan to R30 for AUX 1.

Note:

If you set the MATRIX send level for a stereo-linked channel, both L and R channel will be set. However, the MATRIX pan can be set individually for L and R.

If you set the MATRIX send level for either MAIN L or R channel, both MAIN L and R channel will be set. However, the MATRIX pan can be set individually for MAIN L and R.

If you specify a MATRIX channel that is not stereo-linked, the V-Mixer will ignore the MATRIX pan parameter.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1–U72 that is assigned to the above.

If you specify R1–R6, left side of the channel (RTN 1L, RTN 2L, ... or RTN 6L) will be selected for the MATRIX pan (M-480).

PNC: PAN setting

Function: Sets the pan.

Syntax: **stxPNC:a,b;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, R1L-R6R, AX1-AX16, MX1-MX8, MAL, MAR, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |

b: Pan (L63-C-R63) *Steps of 1

<Ex.> **stxPNC:I1,L45;**
Sets the CH 1 pan to L45.

Note: This parameter will operate as Balance for the stereo-linked AUX or MATRIX channel; you'll be able to set this for either L or R.

This parameter will operate as Balance for MAIN L/R channel; you'll be able to set this for either L or R.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax, or an AUX channel or MATRIX channel that is not stereo-linked.
- If you specify U1-U72 that is assigned to the above.

If you specify R1-R6, left side of the channel (RTN 1L, RTN 2L, ... or RTN 6L) will be selected (M-480).

MUC: Mute on/off

Function: Switches mute on/off.

Syntax: `stxMUC:a,b;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, MG1-MG8, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, MG1-MG8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, MG1-MG4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, DCA1-DCA8, MG1-MG4, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> `stxMUC:11,1;`
Turns mute on for CH 1.

Note: If you set this for a stereo-linked channel, both L and R channel will be set.

If you set this for either MAIN L or R channel, both MAIN L and R channel will be set, since MAIN L/R channels are always stereo-linked.

FDC: Fader level

Function: Sets the fader level.

Syntax: **stxFDC:a,b;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|---|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, DCA1-DCA8, U1-U32 |

b: Fader level (INF, -80.0-10.0) *0.1 dB steps

<Ex.> **stxFDC:11,INF;**
Sets the CH 1 fader to -Inf.

Note: If you set this for a stereo-linked channel, both L and R channel will be set.

If you set this for either MAIN L or R channel, both MAIN L and R channel will be set, since MAIN L/R channels are always stereo-linked.

If you specify MG1-MG8 as the channel selection, the V-Mixer will return an ERR command (**stxERR:5**), and will ignore the command.

RFC: Relative fader level

Function: Sets the fader level as a relative value.

Syntax: `stxRFC:a,b;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|---|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, DCA1-DCA8, U1-U32 |

b: Relative fader level (-99.9-99.9) *0.1 dB steps

<Ex.> **stxRFC: I1,-1.0;**
Sets the CH 1 fader to -1.0 dB.

Note: If you set this for a stereo-linked channel, both L and R channel will be set.

If you set this for either MAIN L or R channel, both MAIN L and R channel will be set, since MAIN L/R channels are always stereo-linked.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify 0.0 as the relative fader level.
- If you specify a positive value for the relative fader level for a channel with a fader level of 10.0 dB.
- If you specify a negative value for the relative fader level for a channel with a fader level of -Inf dB.
- If you specify MG1-MG8 as the channel selection.

SCC: Scene recall

Function: Recalls a scene memory.

Syntax: `stxSCC:a;` (Command syntax: type 2)

a: Scene number (000–299)

<Ex.> `stxSCC:010;`
Recalls scene number 010.

Note: If you specify a blank scene, the V-Mixer will return an ERR command (`stxERR:5;`) and ignore your command.

RSC: Relative scene recall

Function: Recalls a scene memory relatively; e.g., “the previous memory” or “two scenes ahead.”

Note: `stxRSC:a;` (Command syntax: type 2)

a: Relative scene number (-299–299)

<Ex.> `stxRSC: -3;`
Recalls the scene memory three memories earlier than the current scene number.

Note: If the scene memory number specified by relative scene is one of the following scenes, the V-Mixer will return an ERR command (`stxERR:5;`) and ignore your command:

- A blank scene.
- A scene number outside the range of 0–299.

SSC: Scene store

Function: Stores a scene memory.

Syntax: **stxSSC:** a; (Command syntax: type 2)
stxSSC: a,b; (Command syntax: type 2)
stxSSC: a,b,c; (Command syntax: type 2)

a: Scene number (000–299)
b: Scene name (maximum 16 characters, variable length)
c: M-48 memory number (0: Off, 01–16: Memory 1–16)

<Ex.> **stxSSC: 010, Scene 10, 05;**

Stores current mixing parameters to scene number 010 with scene name "Scene 10".
Also stores connected M-48's current memory to memory number 5.

Note: If the scene number you specify is locked, the V-Mixer will return an ERR command (**stxERR: 6;**) and will ignore your command.

If you don't specify a Scene name, the current scene name will be used.

If you don't specify an M-48 memory number, "M-48 MEMORY" settings of the current scene will be used. You can see the "M-48 MEMORY" settings in the SCENE STORE popup on the V-Mixer.

PIC: Input patchbay setting

Function: Sets the input patchbay.

Syntax: `stxPIC: a,b;` (Command syntax type 2)

a: Channel selection

| | |
|--------------------|-----------------|
| M-480 | I1-I48, R1L-R6R |
| M-400/M-380 | I1-I48 |
| M-300 | I1-I32 |
| M-200i | I1-I32 |

On M-480, the cascade inputs can be specified as the channel selection parameter:

| Cascade inputs | Selection parameters |
|---|--------------------------|
| CAS IN MAIN L, CAS IN MAIN R, CAS IN MAIN C | CSMAL, CSMAR, CSMAC |
| CAS IN AUX 1, CAS IN AUX 2, ... CAS IN AUX 16 | CSAX1, CSAX2, ... CSAX16 |
| CAS IN MTX 1, CAS IN MTX 2, ... CAS IN MTX 8 | CSMX1, CSMX2, ... CSMX8 |
| CAS IN SOLO L, CAS IN SOLO R | CSSOL, CSSOR |

b: Input port selection

| | Input ports | Selection parameters |
|--------------------|--|-----------------------|
| M-480 | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONOSOLE IN 2, ... CONSOLE IN 8 | CI1, CI2, ... CI8 |
| | STEREO IN L, STEREO IN R | STIL, STIR |
| | FX1 OUT L, FX1 OUT R, ... FX6 OUT R | FX1L, FX1R, ... FX6R |
| | PLAY L, PLAY R | PLAYL, PLAYR |
| | NONE | OFF |
| M-400/M-380 | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONOSOLE IN 2, ... CONSOLE IN 8 | CI1, CI2, ... CI8 |
| | STEREO IN L, STEREO IN R | STIL, STIR |
| | FX1 OUT L, FX1 OUT R, ... FX4 OUT R | FX1L, FX1R, ... FX4R |
| | PLAY L, PLAY R | PLAYL, PLAYR |
| | NONE | OFF |
| M-300 | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONOSOLE IN 2, ... CONSOLE IN 12 | CI1, CI2, ... CI12 |
| | FX1 OUT L, FX1 OUT R, ... FX4 OUT R | FX1L, FX1R, ... FX4R |
| | PLAY L, PLAY R | PLAYL, PLAYR |
| | NONE | OFF |

| | Input ports | Selection parameters |
|---------------|--------------------------------------|-----------------------|
| M-200i | REAC IN 1, REAC IN 2, ... REAC IN 40 | RAI1, RAI2, ... RAI40 |
| | INPUT 1, INPUT 2, ... INPUT 24 | CI1, CI2, ... CI24 |
| | FX1 OUT L, FX1 OUT R, ... FX4 OUT R | FX1L, FX1R, ... FX4R |
| | PLAY L, PLAY R | PLAYL, PLAYR |
| | NONE | OFF |

<Ex.> **stxPIC:1,RAI21;**

Sets the CH1 input source to the REAC A IN 21.

Note:

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.

POC: Output patchbay setting

Function: Sets the output patchbay.

Syntax: `stxPOC: a,b;` (Command syntax type 2)

a: Output port selection

| | Output ports | Selection parameters |
|--------------------|---|-----------------------|
| M-480 | REAC A OUT 1, REAC A OUT 2, ... REAC A OUT 40 | RAO1, RAO2, ... RAO40 |
| | REAC B OUT 1, REAC B OUT 2, ... REAC B OUT 40 | RBO1, RBO2, ... RBO40 |
| | CONOLE OUT 1, CONSOLE OUT 2, ... CONSOLE OUT 8 | CO1, CO2, ... CO8 |
| | DIGITAL OUT L, DIGITAL OUT R | DOL, DOR |
| M-400/M-380 | REAC A OUT 1, REAC A OUT 2, ... REAC A OUT 8 | RAO1, RAO2, ... RAO8 |
| | REAC B OUT 1, REAC B OUT 2, ... REAC B OUT 40 | RBO1, RBO2, ... RBO40 |
| | CONOLE OUT 1, CONSOLE OUT 2, ... CONSOLE OUT 8 | CO1, CO2, ... CO8 |
| | DIGITAL OUT L, DIGITAL OUT R | DOL, DOR |
| M-300 | REAC A OUT 1, REAC A OUT 2, ... REAC A OUT 40 | RAO1, RAO2, ... RAO40 |
| | REAC B OUT 1, REAC B OUT 2, ... REAC B OUT 40 | RBO1, RBO2, ... RBO40 |
| | CONOLE OUT 1, CONSOLE OUT 2, ... CONSOLE OUT 8 | CO1, CO2, ... CO8 |
| | DIGITAL OUT L, DIGITAL OUT R | DOL, DOR |
| M-200i | REAC A OUT 1, REAC A OUT 2, ... REAC A OUT 40 | RAO1, RAO2, ... RAO40 |
| | REAC B OUT 1, REAC B OUT 2, ... REAC B OUT 40 | RBO1, RBO2, ... RBO40 |
| | ASSIGNABLE OUT 1, ASSIGNABLE OUT 2, ... ASSIGNABLE OUT 10 | CO1, CO2, ... CO10 |
| | MAIN OUT L, MAIN OUT R | CO11, CO12 |
| | AES/EBU OUT L, AES/EBU OUT R | DOL, DOR |

b: Output source selection

| | Sources | Selection parameters |
|--------------|---|--|
| M-480 | MAIN L, MAIN R, MAIN C, MAIN MONO | MAL, MAR, MAC, MAM |
| | AUX1, AUX2, ... AUX16 | AX1, AX2, ... AX16 |
| | MTX1, MTX2, ... MTX8 | MX1, MX2, ... MX8 |
| | MONITOR L, MONITOR R | MONL, MONR |
| | REC L, REC R | RECL, RECR |
| | CH1, CH2, ...CH48 | I1, I2, ... I48 |
| | RTN 1L, RTN 1R, ... RTN 6R | R1L, R1R, ... R6R |
| | TALKBACK, OSCILLATOR1, OSCILLATOR2 | TB, OSC, OSC2 |
| | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONSOLE IN 2, ... CONSOLE IN 8 | CI1, CI2, ... CI8 |
| | STEREO IN L, STEREO IN R | STIL, STIR |
| | CAS OUT MAIN L, CAS OUT MAIN L, CAS OUT MAIN C CAS OUT AUX 1, ... CAS OUT AUX 16 CAS OUT MTX 1, ... CAS OUT MTX 8 CAS OUT SOLO L, CAS OUT SOLO R | CSMAL, CSMAR, CSMAC CSAX1, ... CSAX16 CSMX1, ... CSMX8 CSSOL, CSSOR |
| | NONE | OFF |

| | Sources | Selection parameters |
|--------------------------------------|---|---------------------------|
| M-400/M-380 | MAIN L, MAIN R, MAIN C, MAIN MONO | MAL, MAR, MAC, MAM |
| | AUX1, AUX2, ... AUX16 | AX1, AX2, ... AX16 |
| | MTX1, MTX2, ... MTX8 | MX1, MX2, ... MX8 |
| | MONITOR L, MONITOR R | MONL, MONR |
| | REC L, REC R | RECL, RECR |
| | CH1, CH2, ... CH48 | I1, I2, ... I48 |
| | TALKBACK, OSCILLATOR | TB, OSC |
| | NONE | OFF |
| M-300 | MAIN L, MAIN R, MAIN C, MAIN MONO | MAL, MAR, MAC, MAM |
| | AUX1, AUX2, ... AUX8 | AX1, AX2, ... AX8 |
| | MTX1, MTX2, ... MTX4 | MX1, MX2, ... MX4 |
| | MONITOR L, MONITOR R | MONL, MONR |
| | REC L, REC R | RECL, RECR |
| | CH1, CH2, ... CH32 | I1, I2, ... I32 |
| | TALKBACK/OSCILLATOR | TB or OSC |
| | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONSOLE IN 2, ... CONSOLE IN 12 | CI1, CI2, ... CI12 |
| | NONE | OFF |
| | M-200i | MAIN L, MAIN R, MAIN MONO |
| AUX1, AUX2, ... AUX8 | | AX1, AX2, ... AX8 |
| MTX1, MTX2, ... MTX4 | | MX1, MX2, ... MX4 |
| MONITOR L, MONITOR R | | MONL, MONR |
| REC L, REC R | | RECL, RECR |
| CH1, CH2, ... CH32 | | I1, I2, ... I32 |
| TALKBACK/OSCILLATOR | | TB or OSC |
| REAC IN 1, REAC IN 2, ... REAC IN 40 | | RAI1, RAI2, ... RAI40 |
| INPUT 1, INPUT 2, ... INPUT 24 | | CI1, CI2, ... CI24 |
| NONE | | OFF |

<Ex.> **stxPOC:RAO1,MAL;**
Sets the REAC A OUT 1 output source to the MAIN L.

Note: In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.

LCC: LOCK/UNLOCK the console operation

Function: Lock or Unlock the console operation

Syntax: **stxLCC:a;** (Command syntax: type 2)

a: Lock/Unlock (0: Unlock, 1: Lock)

<Ex.> **stxLCC:1;**
Lock the console operation.

Note: This command enforces to lock or unlock the console operation even in case user password is set.

In the following cases, the V-Mixer will return ERR command (**stxERR:5**) and will ignore your command:

- If the console is in specified condition: stxERR:5;
- If operation cannot be locked because some operation on console is currently performed etc.: stxERR:2;

BLC: Display blackout/cancel blackout

Function: Sets the display blackout or cancel blackout.

Syntax: `stxBLC:a;` (Command syntax: type 2)

a: Blackout/cancel blackout (0: Cancel blackout, 1: Blackout)

<Ex.> `stxBLC:1;`
Sets the display blackout.

Note: In the following cases, the V-Mixer will return ERR command(stxERR:5;)and will ignore your command:

- If the console is in the status you have specified.

DBC: Display brightness setting

Function: Sets the display brightness.

Syntax: `stxDBC:a;` (Command syntax: type 2)

a: Brightness(%) (0 to100)

<Ex.> `stxDBC:50;`
Sets the display brightness to 50%.

Note: The steps of display brightness adjustment differ depending on the model.

Changes of brightness may not be seen with specific values.

| | |
|--------------------|----------|
| M-480 | 8 steps |
| M-400/M-380 | 11 steps |
| M-300 | 11 steps |
| M-200i | 2 steps |

PBC: Panel brightness setting

Function: Sets the panel brightness.

Syntax: **stxPBC:a;** (Command syntax: type 2)

a: Brightness(%) (0 to100)

<Ex.> **stxPBC:50;**
Sets the panel brightness to 50%.

Note: The panel brightness adjustment can be executed with 11 steps.

Changes of brightness may not be seen with specific values.

LBC: Lamp brightness setting

Function: Sets brightness of the lamp connected to the LAMP jack.

Syntax: **stxLBC:a;** (Command syntax: type 2)

a: Brightness(%) (0 to100)

<Ex.> **stxLBC:50;**
Sets the lamp brightness to 50%.

Note: Since the M-300 and the M-200i are not equipped with the LAMP jack, this is invalid.

The lamp brightness adjustment can be executed with 11 steps.

Changes of brightness may not be seen with specific values.

DMC: Monitor dimmer on/off

Function: Switches monitor dimmer on/off.

Syntax: `stxDMC:a;` (Command syntax: type 2)

a: On/off (0: Off, 1: On)

<Ex.> **stxDMC:1;**
Turns monitor dimmer.

Note: In the following cases, the V-Mixer will return ERR command(stxERR:5;)and will ignore your command.:

- If the console is in the status you have specified.

RTC: USB memory recorder transport

Function: Controls the transport of USB memory recorder.

Syntax: `stxRTC:a;` (Command syntax: type 2)

a: Transport

0 or S Stop playback/recording.

1 or P Starts playback. Starts recording when recording is paused.

2 or R Make the unit to REC pause status.

<Ex.> `stxRTC:1;`

Starts playback the song. Starts recording the song when recording is paused.

RLC: USB memory recorder locate

Function: Jumps to specified location of USB memory recorder.

Syntax: `stxRLC:HHhMMmSSs;` (Command syntax: type 2)

HH Hour

MM Minute

SS Second

<Ex.> `stxRLC:02m34s;`

Jumps to 02:34.

Note:

- This command is valid only during playback
- The value of h/m/s not specified in the syntax will be 00.
- The h/m/s can be capital or small.

RIC: Song select

Function: Select the current song of USB memory recorder.

Syntax: **stxRIC:a;** (Command syntax: type 2)

a: Song number

0 to 999 Song number

+1 to +999 Relative song number

-999 to -1 Relative song number

N Next song

P Previous song

<Ex.> **stxRIC:1;**
Select song 1.

<Ex.> **stxRIC:-1;**
Select the previous song.

Request commands

CNQ: Channel name request

Function: Requests the channel/group name.

Syntax: `stxCNQ:a;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, MG1-MG8, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, MG1-MG8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, MG1-MG4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, DCA1-DCA8, MG1-MG4, U1-U32 |

<Ex.> `stxCNQ:1;`
Requests the channel name of CH 1.

● Command returned by the V-Mixer

Syntax: `stxCNS:a,b;` (Command syntax: type 2)

a: Channel number

| | |
|--------------------|--|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, MG1-MG8, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, MG1-MG8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, MG1-MG4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR,, DCA1-DCA8, MG1-MG4, U1-U32 |

b: Channel name (fixed at six characters)

<Ex.> `stxCNS:1,"A.BASS";`
Output the channel name A.BASS for CH 1.

Note: If the channel name is blank, the output will be six spaces.

PTQ: Phantom power supply request

Function: Requests the on/off status of the +48V phantom power supply.

Syntax: `stxPTQ:a;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|-------------------------|
| M-480 | I1–I48, R1L–R6R, U1–U72 |
| M-400/M-380 | I1–I48, U1–U72 |
| M-300 | I1–I32, U1–U32 |
| M-200i | I1–I32, U1–U32 |

<Ex.> `stxPTQ:I1;`

Requests the on/off status of the +48 V phantom power supply for CH 1.

● Command returned by the V-Mixer

Syntax: `stxPTS:a,b;` (Command syntax: type 2)

a: Channel number

| | |
|--------------------|-------------------------|
| M-480 | I1–I48, R1L–R6R, U1–U72 |
| M-400/M-380 | I1–I48, U1–U72 |
| M-300 | I1–I32, U1–U32 |
| M-200i | I1–I32, U1–U32 |

b: On/off (0: Off, 1: On)

<Ex.> `stxPTS:I1,0;`

Reports that the CH1 phantom power is off.

Note: In the following cases, the V-Mixer will return an ERR command (`stxERR:5;`) and will ignore your command:

- If you specify a channel that does not have phantom power.
- If you specify U1–U72 that is assigned to the above.

PSQ: φ (phase/polarity) request

Function: Requests the on/off status of φ (phase/polarity).

Syntax: **stxPSQ:a;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|-------------------------|
| M-480 | I1-I48, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

<Ex.> **stxPSQ:I1;**
Requests the on/off status of φ (phase/polarity) for CH 1.

● **Command returned by the V-Mixer**

Syntax: **stxPSS:a,b;** (Command syntax: type 2)

a: Channel number

| | |
|--------------------|-------------------------|
| M-480 | I1-I48, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> **stxPSS:I1,0;**
Reports that the CH 1 φ (phase/polarity) is off.

Note: In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1-U72 that is assigned to the above.

PGQ: Preamp gain request

Function: Requests the pad and preamp gain settings of a channel.

Syntax: `stxPGQ:a;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|-------------------------|
| M-480 | I1-I48, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

<Ex.> `stxPGQ:I1;`
Requests the pad and preamp gain settings for CH 1.

● Command returned by the V-Mixer

Syntax: `stxPGS:a,b,c;` (Command syntax: type 2)

a: Channel number

| | |
|--------------------|-------------------------|
| M-480 | I1-I48, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: Pad on/off (0: Off, 1: On)

c: Gain (10 to -65) *1 dB steps

<Ex.> `stxPGS:I1,0,-55;`
Reports that the CH 1 pad is off and the gain setting is -55 dBu.

Note: If you specify a channel that has no pad, the V-Mixer will return "0" as the value of the Pad.

In the following cases, the V-Mixer will return an ERR command (`stxERR:5;`) and will ignore your command:

- If you specify a channel that has no gain adjustment.
- If you specify U1-U72 that is assigned to the above.

FLQ: Filter request

Function: Requests the filter on/off setting.

Syntax: **stxFLQ:a;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|----------------|
| M-480 | I1-I48, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

<Ex.> **stxFLQ:11;**
Requests the CH 1 filter on/off setting.

● **Command returned by the V-Mixer**

Syntax: **stxFLS:a,b;** (Command syntax: type 2)

a: Channel number

| | |
|--------------------|----------------|
| M-480 | I1-I48, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> **stxFLS:11,0;**
Reports that the CH 1 filter is off.

Note: If you select a stereo-linked input channel, the same value will be returned for L or R.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1-U72 that is assigned to the above.

EQQ: EQ request

Function: Requests the on/off setting of the EQ.

Syntax: **stxEQQ:a;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |

<Ex.> **stxEQQ:I1;**
Requests the on/off setting of the CH 1 EQ.

● Command returned by the V-Mixer

Syntax: **stxEQS:a,b;** (Command syntax: type 2)

a: Channel number

| | |
|--------------------|--|
| M-480 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> **stxEQS:I1,0;**
Reports that the CH 1 EQ is off.

Note: If you specify a stereo-linked channel, the same value will be returned for L or R.

If you specify MAIN L/R channel, the same value will be returned for L or R.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1-U72 that is assigned to the above.

GTQ: Gate request

Function: Requests the gate on/off setting.

Syntax: **stxGTQ:a;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|----------------|
| M-480 | I1-I48, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

<Ex.> **stxGTQ:I1;**
Requests the gate on/off setting of CH 1.

● **Command returned by the V-Mixer**

Syntax: **stxGTS:a,b;** (Command syntax: type 2)

a: Channel number

| | |
|--------------------|----------------|
| M-480 | I1-I48, U1-U72 |
| M-400/M-380 | I1-I48, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> **stxGTS:I1,0;**
Reports that the CH 1 gate is off.

Note: If you specify a stereo-linked input channel, the same value will be returned for L or R.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1-U72 that is assigned to the above.

CPQ: Comp/limiter request

Function: Requests the compressor/limiter on/off setting.

Syntax: `stxCPS:a;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |

<Ex.> `stxCPS:I1;`
Requests the compressor on/off setting for CH 1.

● Command returned by the V-Mixer

Syntax: `stxCPS:a,b;` (Command syntax: type 2)

a: Channel number

| | |
|--------------------|--|
| M-480 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> `stxCPS:I1,0;`
Reports that the CH 1 compressor is off.

Note: If you specify a stereo-linked channel, the same value will be returned for L or R.

If you specify the MAIN L/R channel, the same value will be returned for L or R.

In the following cases, the V-Mixer will return an ERR command (`stxERR:5;`) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1-U72 that is assigned to the above.

AXQ: AUX send request

Function: Requests the AUX send level and AUX pan settings for input channel or MAIN.

Syntax: **stxAXQ:**a,b; (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--------------------------------|
| M-480 | I1-I48, R1-R6, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: AUX channel selection

| | |
|--------------------|----------|
| M-480 | AX1-AX16 |
| M-400/M-380 | AX1-AX16 |
| M-300 | AX1-AX8 |
| M-200i | AX1-AX8 |

<Ex.> **stxAXQ:I1,AX3;**
Requests the AUX 3 send level and AUX pan setting for CH1.

● **Command returned by the V-Mixer**

Syntax: **stxAXS:**a,b,c,d; (Command syntax: type 2)

a: Channel number

| | |
|--------------------|--------------------------------|
| M-480 | I1-I48, R1-R6, R1L-R6R, U1-U72 |
| M-400/M-380 | I1-I48, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, U1-U32 |
| M-200i | I1-I32, U1-U32 |

b: AUX channel number

| | |
|--------------------|----------|
| M-480 | AX1-AX16 |
| M-400/M-380 | AX1-AX16 |
| M-300 | AX1-AX8 |
| M-200i | AX1-AX8 |

c: AUX send level (INF, -80.0-10.0) *0.1 dB steps

d: AUX pan (L63-C-R63) *Steps of 1

<Ex.> **stxAXS:I1,AX3,-6.5,C;**
Reports that for CH 1, the AUX 3 send level is -6.5 dB and the AUX pan is at center.

Note: If you specify a stereo-linked channel, the same AUX send level value will be returned for both L and R. However, the AUX pan can be requested individually for L and R.

If you specify the MAIN L/R channel, the same AUX send level value will be returned for L or R. However, the AUX pan can be specified individually for L and R.

If you specify an AUX channel that is not stereo-linked, the V-Mixer will return "0" as the value of the AUX pan.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1–U72 that is assigned to the above.

MXQ: MATRIX send request

Function: Requests the MATRIX send level and MATRIX pan settings for input channel, AUX, or MAIN.

Syntax: **stxMXQ:a,b;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|---|
| M-480 | I1-I48, R1-R6, R1L-R6R, AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-400/M-380 | AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MAL, MAR, MAC, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MAL, MAR, U1-U32 |

b: MATRIX channel selection

| | |
|--------------------|---------|
| M-480 | MX1-MX8 |
| M-400/M-380 | MX1-MX8 |
| M-300 | MX1-MX4 |
| M-200i | MX1-MX4 |

<Ex.> **stxMXQ: AX1,MX3;**
Requests the MATRIX 3 send level and MATRIX pan setting for AUX 1.

● **Command returned by the V-Mixer**

Syntax: **stxMXS:a,b,c,d;** (Command syntax: type 2)

a: Channel number

| | |
|--------------------|---|
| M-480 | I1-I48, R1-R6, R1L-R6R, AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-400/M-380 | AX1-AX16, MAL, MAR, MAC, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MAL, MAR, MAC, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MAL, MAR, U1-U32 |

b: MATRIX channel number

| | |
|--------------------|---------|
| M-480 | MX1-MX8 |
| M-400/M-380 | MX1-MX8 |
| M-300 | MX1-MX4 |
| M-200i | MX1-MX4 |

c: MATRIX send level (INF, -80.0-10.0) *0.1 dB steps

d: MATRIX pan (L63-C-R63) *Steps of 1

<Ex.> **stxMXS: AX1,MX3,-6.5,C;**
Reports that for AUX 1, the MATRIX 3 send level is -6.5 dB and the MATRIX pan is at center.

Note: If you specify a stereo-linked channel, the same MATRIX send level value will be returned for both L and R. However, the MATRIX pan can be requested individually for L and R.

If you specify the MAIN L/R channel, the same MATRIX send level value will be returned for L or R. However, the MATRIX pan can be specified individually for L and R.

If you specify a MATRIX channel that is not stereo-linked, the V-Mixer will return "0" as the value of the MATRIX pan.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.
- If you specify U1–U72 that is assigned to the above.

PNQ: PAN request

Function: Requests the pan setting.

Syntax: **stxPNQ:a;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, R1L-R6R, AX1-AX16, MX1-MX8, MAL, MAR, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |

<Ex.> **stxPNQ:I1;**
Requests the CH 1 setting.

● **Command returned by the V-Mixer**

Syntax: **stxPNS:a,b;** (Command syntax: type 2)

a: Channel number

| | |
|--------------------|--|
| M-480 | I1-I48, R1L-R6R, AX1-AX16, MX1-MX8, MAL, MAR, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, U1-U32 |

b: Pan (L63-C-R63) *Steps of 1

<Ex.> **stxPNS: I1,C;**
Reports that the pan of CH 1 is set at the center.

Note: If you specify a stereo-linked AUX channel, the same value will be returned for L or R, since this parameter is operating as Balance.

If you specify MAIN L/R channel, the same value will be returned for L or R, since this parameter is operating as Balance.

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax, or an AUX channel or MATRIX channel that is not stereo-linked.
- If you specify U1-U72 that is assigned to the above.

MUQ: Mute request

Function: Requests the mute on/off setting.

Syntax: `stxMUQ:a;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|--|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, MG1-MG8, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, MG1-MG8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, MG1-MG4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, DCA1-DCA8, MG1-MG4, U1-U32 |

<Ex.> `stxMUQ:11;`
Requests the CH 1 mute on/off setting.

● Command returned by the V-Mixer

Syntax: `stxMUS:a,b;` (Command syntax: type 2)

a: Channel number

| | |
|--------------------|--|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, MG1-MG8, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, MG1-MG8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, MG1-MG4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, DCA1-DCA8, MG1-MG4, U1-U32 |

b: On/off (0: Off, 1: On)

<Ex.> `stxMUS:11,0;`
Reports that the CH 1 mute is off.

Note: If you specify a stereo-linked channel, the same value will be returned for L or R.

If you specify MAIN L/R channel, the same value will be returned for L or R.

FDQ: Fader request

Function: Requests the fader level setting.

Syntax: **stxFDQ:a;** (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|---|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, DCA1-DCA8, U1-U32 |

<Ex.> **stxFDQ:I1;**
Requests the fader setting of CH 1.

● **Command returned by the V-Mixer**

Syntax: **stxFDS:a,b;** (Command syntax: type 2)

a: Channel number

| | |
|--------------------|---|
| M-480 | I1-I48, R1-R6, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA24, U1-U72 |
| M-400/M-380 | I1-I48, AX1-AX16, MX1-MX8, MAL, MAR, MAC, DCA1-DCA8, U1-U72 |
| M-300 | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, MAC, DCA1-DCA4, U1-U32 |
| M-200i | I1-I32, AX1-AX8, MX1-MX4, MAL, MAR, DCA1-DCA8, U1-U32 |

b: Fader level (INF, -80.0-10.0) *0.1 dB steps

<Ex.> **stxFDS:I1,-6.0;**
Reports that the CH 1 fader level is -6.0 dB.

Note: If you specify a stereo-linked channel, the same value will be returned for L or R.

If you specify MAIN L/R channel, the same value will be returned for L or R.

If you specify MG1-MG8, the V-Mixer will return an ERR command (**stxERR:5;**), and will ignore the command.

SCQ: Current scene request

Function: Requests the number and name of the currently recalled scene.

Syntax: **stxSCQ;** (Command syntax: type 1)

<Ex.> **stxSCQ;**
Requests the currently recalled scene number.

● Command returned by the V-Mixer

Syntax: **stxSCS:a,b;** (Command syntax: type 2)

a: Scene number (000–299)
b: Scene name (maximum 16 characters, variable length)

<Ex.> **stxSCS:023,"JAZZ BAND MUSIC";**
Reports that the currently recalled scene is number 023, and that its name is JAZZ BAND MUSIC.

Note: If no scene memory is currently recalled, the V-Mixer will return an ERR command (**stxERR:5**).

PIQ: Input patchbay request

Function: Requests the input patchbay setting.

Syntax: `stxPIQ: a;` (Command syntax: type 2)

a: Channel selection

| | |
|--------------------|-----------------|
| M-480 | I1-I48, R1L-R6R |
| M-400/M-380 | I1-I48 |
| M-300 | I1-I32 |
| M-200i | I1-I32 |

On M-480, the cascade inputs can be specified as the channel selection parameter:

| Cascade inputs | Selection parameters |
|---|--------------------------|
| CAS IN MAIN L, CAS IN MAIN R, CAS IN MAIN C | CSMAL, CSMAR, CSMAC |
| CAS IN AUX 1, CAS IN AUX 2, ... CAS IN AUX 16 | CSAX1, CSAX2, ... CSAX16 |
| CAS IN MTX 1, CAS IN MTX 2, ... CAS IN MTX 8 | CSMX1, CSMX2, ... CSMX8 |
| CAS IN SOLO L, CAS IN SOLO R | CSSOL, CSSOR |

<Ex.> `stxPIQ:I2;`
Requests the input patchbay setting for CH2.

● **Command returned by the V-Mixer**

Syntax: `stxPIS: a,b;` (Command syntax: type 2)

a: Channel number

b: Input port

| | Input ports | Selection parameters |
|--------------------|--|-----------------------|
| M-480 | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONSOLE IN 2, ... CONSOLE IN 8 | CI1, CI2, ... CI8 |
| | STEREO IN L, STEREO IN R | STIL, STIR |
| | FX1 OUT L, FX1 OUT R, ... FX6 OUT R | FX1L, FX1R, ... FX6R |
| | PLAY L, PLAY R | PLAYL, PLAYR |
| | NONE | OFF |
| M-400/M-380 | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONSOLE IN 2, ... CONSOLE IN 8 | CI1, CI2, ... CI8 |
| | STEREO IN L, STEREO IN R | STIL, STIR |
| | FX1 OUT L, FX1 OUT R, ... FX4 OUT R | FX1L, FX1R, ... FX4R |
| | PLAY L, PLAY R | PLAYL, PLAYR |
| | NONE | OFF |

| | Input ports | Selection parameters |
|---------------|---|-----------------------|
| M-300 | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONSOLE IN 2, ... CONSOLE IN 12 | CI1, CI2, ... CI12 |
| | FX1 OUT L, FX1 OUT R, ... FX4 OUT R | FX1L, FX1R, ... FX4R |
| | PLAY L, PLAY R | PLAYL, PLAYR |
| | NONE | OFF |
| M-200i | REAC IN 1, REAC IN 2, ... REAC IN 40 | RAI1, RAI2, ... RAI40 |
| | INPUT 1, INPUT 2, ... INPUT 24 | CI1, CI2, ... CI24 |
| | FX1 OUT L, FX1 OUT R, ... FX4 OUT R | FX1L, FX1R, ... FX4R |
| | PLAY L, PLAY R | PLAYL, PLAYR |
| | NONE | OFF |

<Ex.> **stxPIS:l2,RAI22;**

Reports that the CH2 input source is REAC A IN 22.

Note:

In the following cases, the V-Mixer will return an ERR command (**stxERR:5;**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.

POQ: Output patchbay request

Function: Requests the output patchbay setting.

Syntax: **stxPOQ:** a; (Command syntax: type 2)

a: Output port selection

| | Output ports | Selection parameters |
|--------------------|---|-----------------------|
| M-480 | REAC A OUT 1, REAC A OUT 2, ... REAC A OUT 40 | RAO1, RAO2, ... RAO40 |
| | REAC B OUT 1, REAC B OUT 2, ... REAC B OUT 40 | RBO1, RBO2, ... RBO40 |
| | CONSOLE OUT 1, CONSOLE OUT 2, ... CONSOLE OUT 8 | CO1, CO2, ... CO8 |
| | DIGITAL OUT L, DIGITAL OUT R | DOL, DOR |
| M-400/M-380 | REAC A OUT 1, REAC A OUT 2, ... REAC A OUT 8 | RAO1, RAO2, ... RAO8 |
| | REAC B OUT 1, REAC B OUT 2, ... REAC B OUT 40 | RBO1, RBO2, ... RBO40 |
| | CONSOLE OUT 1, CONSOLE OUT 2, ... CONSOLE OUT 8 | CO1, CO2, ... CO8 |
| | DIGITAL OUT L, DIGITAL OUT R | DOL, DOR |
| M-300 | REAC A OUT 1, REAC A OUT 2, ... REAC A OUT 40 | RAO1, RAO2, ... RAO40 |
| | REAC B OUT 1, REAC B OUT 2, ... REAC B OUT 40 | RBO1, RBO2, ... RBO40 |
| | CONSOLE OUT 1, CONSOLE OUT 2, ... CONSOLE OUT 8 | CO1, CO2, ... CO8 |
| | DIGITAL OUT L, DIGITAL OUT R | DOL, DOR |
| M-200i | REAC OUT 1, REAC OUT 2, ... REAC OUT 40 | RAO1, RAO2, ... RAO40 |
| | ASSIGNABLE OUT 1, ASSIGNABLE OUT 2, ... ASSIGNABLE OUT 10 | CO1, CO2, ... CO10 |
| | MAIN OUT L, MAIN OUT R | CO11, CO12 |
| | AES/EBU OUT L, AES/EBU OUT R | DOL, DOR |

<Ex.> **stxPOQ:RAO2;**
Requests the output patchbay setting for REAC A OUT 2.

● **Command returned by the V-Mixer**

Syntax: **stxPOS:** a,b; (Command syntax: type 2)

a: Output port

b: Output source

| | Sources | Selection parameters |
|--------------|---|--|
| M-480 | MAIN L, MAIN R, MAIN C, MAIN MONO | MAL, MAR, MAC, MAM |
| | AUX1, AUX2, ... AUX16 | AX1, AX2, ... AX16 |
| | MTX1, MTX2, ... MTX8 | MX1, MX2, ... MX8 |
| | MONITOR L, MONITOR R | MONL, MONR |
| | REC L, REC R | RECL, RECR |
| | CH1, CH2, ... CH48 | I1, I2, ... I48 |
| | RTN 1L, RTN 1R, ... RTN 6R | R1L, R1R, ... R6R |
| | TALKBACK, OSCILLATOR1, OSCILLATOR2 | TB, OSC, OSC2 |
| | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONSOLE IN 2, ... CONSOLE IN 8 | CI1, CI2, ... CI8 |
| | STEREO IN L, STEREO IN R | STIL, STIR |
| | CAS OUT MAIN L, CAS OUT MAIN R, CAS OUT MAIN C CAS OUT AUX 1, ... CAS OUT AUX 16 CAS OUT MTX 1, ... CAS OUT MTX 8 CAS OUT SOLO L, CAS OUT SOLO R | CSMAL, CSMAR, CSMAC CSAX1, ... CSAX16 CSMX1, ... CSMX8 CSSOL, CSSOR |
| | NONE | OFF |

| | Sources | Selection parameters |
|--------------------|---|-----------------------|
| M-400/M-380 | MAIN L, MAIN R, MAIN C, MAIN MONO | MAL, MAR, MAC, MAM |
| | AUX1, AUX2, ... AUX16 | AX1, AX2, ... AX16 |
| | MTX1, MTX2, ... MTX8 | MX1, MX2, ... MX8 |
| | MONITOR L, MONITOR R | MONL, MONR |
| | REC L, REC R | RECL, RECR |
| | CH1, CH2, ... CH48 | I1, I2, ... I48 |
| | TALKBACK, OSCILLATOR | TB, OSC |
| | NONE | OFF |
| M-300 | MAIN L, MAIN R, MAIN C, MAIN MONO | MAL, MAR, MAC, MAM |
| | AUX1, AUX2, ... AUX8 | AX1, AX2, ... AX8 |
| | MTX1, MTX2, ... MTX4 | MX1, MX2, ... MX4 |
| | MONITOR L, MONITOR R | MONL, MONR |
| | REC L, REC R | RECL, RECR |
| | CH1, CH2, ... CH32 | I1, I2, ... I32 |
| | TALKBACK/OSCILLATOR | TB or OSC |
| | REAC A IN 1, REAC A IN 2, ... REAC A IN 40 | RAI1, RAI2, ... RAI40 |
| | REAC B IN 1, REAC B IN 2, ... REAC B IN 40 | RBI1, RBI2, ... RBI40 |
| | CONSOLE IN 1, CONSOLE IN 2, ... CONSOLE IN 12 | CI1, CI2, ... CI12 |
| | NONE | OFF |
| M-200i | MAIN L, MAIN R, MAIN MONO | MAL, MAR, MAM |
| | AUX1, AUX2, ... AUX8 | AX1, AX2, ... AX8 |
| | MTX1, MTX2, ... MTX4 | MX1, MX2, ... MX4 |
| | MONITOR L, MONITOR R | MONL, MONR |
| | REC L, REC R | RECL, RECR |
| | CH1, CH2, ... CH32 | I1, I2, ... I32 |
| | TALKBACK/OSCILLATOR | TB or OSC |
| | REAC IN 1, REAC IN 2, ... REAC IN 40 | RAI1, RAI2, ... RAI40 |
| | INPUT 1, INPUT 2, ... INPUT 24 | CI1, CI2, ... CI24 |
| | NONE | OFF |

<Ex.> **stxPOS:RAO2,MAR;**

Reports that the REAC A OUT 2 output source is MAIN R.

Note:

In the following cases, the V-Mixer will return an ERR command (**stxERR:5**) and will ignore your command:

- If you specify a channel outside the range of channel selections listed in the syntax.

LCQ: Request Locked Status of Console

Function: Request locked status to current operation on console

Syntax: `stxLCQ;` (Command syntax: type 1)

<Ex.> `stxLCQ;`

● Command returned by the V-Mixer

Syntax: `stxLCS;` (Command syntax: type 2)

a: Locked status (0: Not Locked, 1: Locked)

<Ex.> `stxLCS:1;`

This means the console is locked

VRQ: Version request

Function: Requests version information.

Syntax: `stxVRQ;` (Command syntax: type 1)

<Ex.> `stxVRQ;`

Requests version information for the V-Mixer.

● Command returned by the V-Mixer

Syntax: `stxVRS:a,b,c;` (Command syntax: type 2)

a: System version (five characters)

b: Panel version (five characters)

c: Fader version (five characters)

<Ex.> `stxVRS:1.010,1.010,1.010;`

Reports that the V-Mixer is using system version 1.010, panel version 1.010, and fader version 1.010.

Note: The M-300 and the M-200i will return "0.000" as the Fader version.

RCQ: REAC connection status request

Function: Requests status of REAC connection.

Syntax: **stxRCQ:** a; (Command syntax: type 2)

<Ex.> **stxRCQ:A;**
Requests REAC A port status.

● Command returned by the V-Mixer

Syntax: **stxRCS:**a,b; (Command syntax: type 2)

a: REAC port

A: REAC A

B: REAC B

b: Status

0: Not connected

1: Establishing the connection

2: Proper connection

<Ex.> **stxRCS:A,2;**
Reports that the REAC A port is properly connected.

Note: The reply command is automatically send when REAC connection status is altered.

- If you are using the M-200i, its REAC port is handled as REAC A port.

BLQ: Display blackout status request

Function: Requests the display blackout status.

Syntax: `stxBLQ: a;` (Command syntax: type 1)

<Ex.> `stxBLQ;`
Requests the display blackout status.

● Command returned by the V-Mixer

Syntax: `stxBLS:a;` (Command syntax: type 2)

a: Blackout/cancel blackout (0: Cancel blackout, 1: Blackout)

<Ex.> `stxBLS:1;`
Outputs the display blackout.

DBQ: Display brightness request

Function: Requests the display brightness.

Syntax: `stxDBQ: a;` (Command syntax: type 1)

<Ex.> `stxDBQ;`
Requests the display brightness.

● Command returned by the V-Mixer

Syntax: `stxDBS:a;` (Command syntax: type 2)

a: Brightness(%) (0 to 100)

<Ex.> `stxDBS:50;`
Outputs the display brightness is 50%.

PBQ: Panel brightness request

Function: Requests the display brightness.

Syntax: **stxPBQ;** (Command syntax: type 1)

<Ex.> **stxPBQ;**
Requests the display brightness.

● Command returned by the V-Mixer

Syntax: **stxPBS:a;** (Command syntax: type 2)

a: Brightness(%) (0 to 100)

<Ex.> **stxPBS:50;**
Outputs the panel brightness is 50%.

LBQ: Lamp brightness request

Function: Requests the lamp brightness.

Syntax: **stxLBQ;** (Command syntax: type 1)

<Ex.> **stxLBQ;**
Requests the lamp brightness.

● Command returned by the V-Mixer

Syntax: **stxLBS:a;** (Command syntax: type 1)

a: Brightness(%) (0 to 100)

<Ex.> **stxLBS:50;**
Outputs the lamp brightness is 50%.

DMQ: Monitor dimmer request

Function: Requests the monitor dimmer on/off setting.

Syntax: **stxDMQ;** (Command syntax: type 1)

<Ex.> **stxDMQ;**
Requests the monitor dimmer on/off setting.

● **Command returned by the V-Mixer**

Syntax: **stxDMS:a;** (Command syntax: type 2)

a: On/off (0: Off, 1: On)

<Ex.> **stxDMS:1;**
Reports that the monitor dimmer is on.

RTQ: USB memory recorder status request

Function: Requests status of USB memory recorder.

Syntax: `stxRTQ;` (Command syntax: type 1)

● Command returned by the V-Mixer

Syntax: `stxRTS:a;` (Command syntax: type 2)

a: Status

-1 Playback/Recording is not possible (The USB memory is not inserted etc.)

0 Stop

1 Playing

2 Recording

3 Prepare for playback

4 Rec pause

<Ex.> `stxRTS:1;`
Reports the song is in playing status.

RLQ: USB memory recorder current position request

Function: Request for current position of USB memory recorder.

Syntax: `stxRLQ;` (Command syntax: type 1)

● Command returned by the V-Mixer

Syntax: `stxRLS:HHhMMmSSs;` (Command syntax: type 2)

HH Hour

MM Minute

SS Second

<Ex.> `stxRLS:02m34s;`
Reports that the current position is 02:34.

RIQ: Song number request

Function: Request the song number currently selected, and the number of songs in the USB memory.

Syntax: `stxRIQ;` (Command syntax: type 1)

● Command returned by the V-Mixer

Syntax: `stxRIS:a,b;` (Command syntax: type 2)

a: Current song number

b: Number of songs

<Ex.> `stxRIS:1,10;`

Reports that song number 1 is selected and the number of songs in the USB memory is 10.

RNQ: Song name request

Function: Request the song name.

Syntax: `stxRNQ;` (Command syntax: type 1)

`stxRNQ:a;` (Command syntax: type 2)

a: Song number

<Ex.> `stxRNQ;`

Request the song name currently selected.

<Ex.> `stxRNQ:1;`

Requests the song name of song number 1.

● Command returned by the V-Mixer

Syntax: `stxRNS:a,b;` (Command syntax: type 2)

a: Song number

b: Song name

<Ex.> `stxRNS:1,"SONG01.WAV";`

Output the song name SONG01.WAV for the song number 1.

RRQ: Recording remain time request

Function: Request the remaining amount of time that can be record to the USB memory.

Syntax: `stxRRQ;` (Command syntax: type 1)

● Command returned by the V-Mixer

Syntax: `stxRRS:HHhMMmSSs;` (Command syntax: type 2)

HH Hour

MM Minute

SS Second

<Ex.> `stxRRS:01h02m34s;`

Reports the remaining amount of time that can be record to the USB memory is 01:02:34.

Commands transmitted from the control computer to the V-Mixer

ack (06H): Active reply

Function: Transmitted following successful reception.

Syntax: **ack (06H)** (Command syntax: type 0)

Note: This "ack" may be omitted.

ERR: Error

Function: Transmitted when a problem occurred in the control computer in response to a command transmitted by the V-Mixer.

Syntax: **stxERR:a;** (Command syntax: type 2)

a: Error number

0: When the signal from the V-Mixer could not be read.

If error number 0 is returned in response to a command sent by the V-Mixer in response to a Request command, the V-Mixer will once again transmit the response to that Request command.

In the case of a command that has parameters, the V-Mixer will re-transmit the most recently transmitted parameter.

Xon (11H) / Xoff (13H): Handshaking commands

Function: Specifies whether transmission is possible. This is used for handshaking.

Syntax: **Xon (11H)** (transmission is possible) (Command syntax: type 0)

Xoff (13H) (transmission is not possible) (Command syntax: type 0)

Commands transmitted from the V-Mixer to the control computer

ack (06H): Active reply

Function: Transmitted following successful reception.

Syntax: **ack (06H)** (Command syntax: type 0)

ERR: Error

Function: Transmitted when a problem occurred in the V-Mixer in response to a command sent from the control computer.

Syntax: **stxERR:a;** (Command syntax: type 2)

a: Error number

0: (Syntax error)

Transmitted when the command syntax was incorrect.

2: (Busy error)

The V-Mixer is busy and cannot process the command.

5: (Out of range error)

The parameter of the received command was out of range.

6: (Other error)

Some other error has occurred. This will be transmitted if the V-Mixer was unable to correctly process the command.

Note: If one of these commands occurs, the command that was sent to the V-Mixer immediately prior to this will be ignored.

Xon (11H) / Xoff (13H): Handshaking commands

Function: Specifies whether transmission is possible. These are used for handshaking.

Syntax: **Xon (11H)** (transmission is possible) (Command syntax: type 0)

Xoff (13H) (transmission is not possible) (Command syntax: type 0)

ERS: Error statuses of the V-Mixer

Function: Transmitted when the V-Mixer is in error status.

Syntax: `stxERS:a;` (Command syntax: type 2)

a: Error number

0: Internal fan is stopped.

1: Lithium battery is low.

10: RS-232C frame rate error.

11: RS-232C parity error.

12: RS-232C receive buffer full error.

99: Abnormal stopping of the system.

EPS: Error statuses of the connected REAC devices

Function: Transmitted when the connected REAC devices is error status.

Syntax: `stxEPS:a,b;` (Command syntax: type 2)

a: REAC port

A: REAC A

B: REAC B

a: Error number

0: Internal fan is stopped.

1: Abnormal interior temperature.

2: Transmission error..

Note: If you are using the M-200i, its REAC port is handled as REAC A port.