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MFA Commands List

MFA2xx commands

Volume

Set volume down 3db

command SVD

```
#|F001|web|SVDzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|F001|web|VDzz|+|U|<CR><LF>#|ALL|F001|V01|v|U|<CR><LF>#|ALL|F001|V02|v|U|<CR><LF>
```

v = volume

Set volume up 3db

command SVU

```
#|F001|web|SVUzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|VUzz|+|U|<CR><LF>#|ALL|F001|V01|v|U|<CR><LF>#|ALL|F001|V02|v|U|<CR><LF>
```

v = volume

Set Volume

command SV

```
#|F001|web|SVzz|v|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

v = volume 10 = -10dB

reply:

```
#|web|F001|Vzz|+|U|<CR><LF>#|ALL|F001|V01|v|U|<CR><LF>#|ALL|F001|V02|v|U|<CR><LF>
```

Get Volume

command GV

```
#|F001|web|GVzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|Vzz|v|U|<CR><LF>
```

v = volume

Get Volume ALL

command

```
#|F001|web|GVALL|0|U|<CR><LF>
```

reply:

```
#|web|F001|VALL|v^v|U|<CR><LF>
```

v = volume

Routing

Set routing up

command

```
#|F001|web|SRUzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|RUzz|+|U|<CR><LF>#|ALL|F001|R01|i^r|U|<CR><LF>#|ALL|F001|R02|i^r|U|<CR><LF>
```

i = input enable, r = selected input

Set routing down

command

```
#|F001|web|SRDzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|RDzz|+|U|<CR><LF>#|ALL|F001|R01|i^r|U|<CR><LF>#|ALL|F001|R02|i^r|U|<CR><LF>
```

i = input enable, r = selected input

Set routing

command

```
#|F001|web|SRzz|r|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

r = selected input

Mic = 1, Line = 2, SourceCon = 3, Dante In 1 = 4, etc...

reply:

```
#|web|F001|SRzz|+|U|<CR><LF>#|ALL|F001|R01|i^r|U|<CR><LF>#|ALL|F001|R02|i^r|U|<CR><LF>
```

i = input enable, r = selected input

Get routing

command

```
#|F001|web|GRzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|Rzz|r^r|U|<CR><LF>
```

r = selected input

Mic = 1, Line = 2, SourceCon = 3, Dante In 1 = 4, etc...

Get Routing ALL

command

```
#|F001|web|GRALL|0|U|<CR><LF>
```

reply:

```
#|web|F001|RALL|r^r|U|<CR><LF>
```

r = selected input

Mic = 1, Line = 2, SourceCon = 3, Dante In 1 = 4, etc...

[Input enable](#)

Set Input enable

command

```
#|F001|web|SIEzz|i1^i2^i3^i4^i5^i6^i7^i8|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

i1..i8 = input 1 to 11

reply:

```
#|web|F001|IEzz|+|U|<CR><LF>#|ALL|F001|IEzz|i1^i2^i3^i4^i5^i6^i7^i8|U|<CR><LF>
```

Get Input enable

command

```
#|F001|web|GIEzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|IEzz|i1^i2^i3^i4^i5^i6^i7^i8|U|<CR><LF>
```

i1..i8 = input 1 to 11

Mute

Set Mute

command

```
#|F001|web|SMzz|m|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

m = 0,1 1 = muted

reply:

```
#|web|F001|SMzz|+|U|<CR><LF>#|ALL|F001|M01|m|U|<CR><LF>#|ALL|F001|M02|m|U|<CR><LF>
```

Get Mute

command

```
#|F001|web|GMzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|Mzz|m|U|<CR><LF>
```

m = 0,1 1 = muted

Get Mute ALL

command

```
#|F001|web|GMALL|0|U|<CR><LF>
```

reply:

```
#|web|F001|MALL|m^m|U|<CR><LF>
```

m = 0,1 1 = muted

Input names

Get Input names

command

```
#|F001|web|GIN|0|U|<CR><LF>
```

reply:

```
#|web|F001|IN|n1^n2^n3^n4^n5^n6^n7^n8^n9^n10^n11|U|<CR><LF>
```

n = name of input, max 15 char

starts from name 1 = microphone

Set Input names

command

```
#|F001|web|SIN|n1^n2^n3^n4^n5^n6^n7^n8^n9^n10^n11|U|<CR><LF>
```

n = name of input, max 15 char

starts from name 1 = microphone

reply:

```
#|web|F001|SIN|+|U|<CR><LF> #|ALL|F001|IN|n1^n2^n3^n4^n5^n6^n7^n8^n9^n10^n11|U|<CR><LF>
```

n = name of input, max 15 char

Output names

Get zone (output) names

command

```
#|F001|web|GZN|0|U|<CR><LF>
```

reply:

```
#|web|F001|ZN|n0^n1^d1^d2^d3^d4|U|<CR><LF>
```

n = name of zone, max 15 char

d = name of dante zone, max 15 char

Set zone (output) names

command

```
#|F001|web|SZN|n0^n1^d1^d2^d3^d4|U|<CR><LF>
```

n = name of zone, max 15 char

d = name of dante zone, max 15 char

reply:

```
#|web|F001|SZN|+|U|<CR><LF> #|ALL|F001|ZN|n0^n1^d1^d2^d3^d4|U|<CR><LF>
```

n = name of zone, max 15 char

d = name of dante zone, max 15 char

Filter

Set Filter

command

```
#|F001|web|SFLTzz|lh^type^freq^order|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

lh = 2 (Lowpass) 3 (Highpass)

type = 0(off), 1(Butterworth), 2 (Bessel), 3(Linkwitz Riley)

freq =10 to 20000

order = 2 or 4

reply:

```
#|web|F001|SFLTzz|+|U|<CR><LF>#|ALL|F001|FLTzz|lh^t^f^o|U|<CR><LF>
```

Get Filter

command

```
#|F001|web|GFLTzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|FLTzz|lh^type^freq^order|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

lh = 2 (Lowpass) 3 (Highpass)

type = 0(off), 1(Butterworth), 2 (Bessel), 3(Linkwitz Riley)

freq =10 to 20000

order = 2 or 4

Equalizer Input Output

Set Input/output EQ

command

```
#|F001|web|SEQZzz|nr^enable^freq^q^boost^gain|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

nr = 1 to 7

enable = 0 or 1

freq = 10 to 20000

q =1 to 99 (0.1 to 9.9)

boost = -30 to 30 (-30dB to +30dB)

gain = -10 to 10 (-10dB to +10dB)

reply:

```
#|web|F001|SEQZzz|+|U|<CR><LF>#|ALL|F001|EQZzz|nr^enable^freq^q^boost^gain|U|<CR><LF>
```

Get Input/output EQ

command

#|F001|web|GEQZzz|nr|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

nr = 1 - 7

reply:

#|web|F001|EQZzz|nr^enable^freq^q^boost^gain|U|<CR><LF>

nr = 1 to 7

enable = 0 or 1

freq = 10 to 20000

q = 1 to 99 (0.1 to 9.9)

boost = -30 to 30 (-30dB to +30dB)

gain = -10 to 10 (-10dB to +10dB)

Get Input/output ALL EQ

command

#|F001|web|GEQZALLzz||U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

reply:

#|web|F001|EQZALLzz|enable1^freq1^q1^boost1^gain1^...^enable7^freq7^q7^boost7^gain7|U|<CR><LF>

enable = 0 or 1

freq = 10 to 20000

q = 1 to 99 (0.1 to 9.9)

boost = -30 to 30 (-30dB to +30dB)

gain = -10 to 10 (-10dB to +10dB)

Delay

Set delay in samples

command

#|F001|web|SDESzz|samples|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

samples = 1 to 1700

reply:

#|web|F001|SDESzz|+|U|<CR><LF> #|ALL|F001|DESzz|samples|U|<CR><LF>

Get delay in samples

command

#|F001|web|GDESzz|0|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|DESzz|samples|U|<CR><LF>
```

samples = 1 to 1700

Set delay in ms

command

```
#|F001|web|SDELzz|d|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

d = 0 to 35ms

reply:

```
#|web|F001|SDELzz|+|U|<CR><LF>#|ALL|F001|DELzz|d|U|<CR><LF>
```

Get delay in ms

command

```
#|F001|web|GDELzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|DELzz|d|U|<CR><LF>
```

d = 0 to 35 ms

Max volume

Set max volume

command

```
#|F001|web|SMVzz|volume|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

volume = 0 to 70 (0dB to -70dB)

reply:

```
#|web|F001|SMVzz|+|U|<CR><LF>#|ALL|F001|MVzz|volume|U|<CR><LF>
```

Get max volume

command

#|F001|web|GMVzz|0|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

reply:

#|web|F001|MVzz|volume|U|<CR><LF>

volume = 0 to 70 (0dB to -70dB)

Standby

Set amplifier standby

command

#|F001|web|SSBYzz|standby|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

standby = 0 or 1 (1 = standby)

reply:

#|web|F001|SSBYzz|+|U|<CR><LF> #|ALL|F001|SBYzz|standby|U|<CR><LF>

Get amplifier standby

command

#|F001|web|GSBYzz|standby|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

reply:

#|web|F001|SBYzz|standby|U|<CR><LF>

standby = 0 or 1 (1 = standby)

Set standby time

command

#|F001|web|SSBTzz|time|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

time = 0 to 999 minutes (0 = standby disabled)

reply:

#|web|F001|SSBTzz|+|U|<CR><LF> #|ALL|F001|SBTzz|time|U|<CR><LF>

Get standby time

command

```
#|F001|web|GSBTzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|SBTzz|time|U|<CR><LF>
```

time = 0 to 999 minutes (0 = standby disabled)

Limiter

Set peak power limiter

command

```
#|F001|web|SPPLzz|power|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

power = 10 to 80W or 160W (only for 4/8Ohm, not for 70V and 100V)

reply:

```
#|web|F001|SPPLzz|+|U|<CR><LF> #|ALL|F001|PPLzz|power|U|<CR><LF>
```

Get Peak power limiter

command

```
#|F001|web|GPPLzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|PPLzz|power|U|<CR><LF>
```

power = 10 to 80W or 160W (only for 4/8Ohm, not for 70V and 100V)

Output type

Set output type

command

```
#|F001|web|SOTzz|t|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

t = 1 to 6 (1 = 100v, 2 = 70V, 3 = 2 Ohm, 4 = 4 Ohm, 5 = 8 Ohm, 6 = 16 Ohm)

2 Ohm not supported

reply:

```
#|web|F001|SOTzz|+|U|<CR><LF>#|ALL|F001|OTzz|t|U|<CR><LF>
```

Get output type

command

```
#|F001|web|GOTzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|OTzz|t|U|<CR><LF>
```

t = 1 to 6 (1 = 100v, 2 = 70V, 3 = 2 Ohm, 4 = 4 Ohm, 5 = 8 Ohm, 6 = 16 Ohm)

2 Ohm not supported

Antiphase

Set Antiphase

command

```
#|F001|web|SAPHzz|l^r|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

l,r = 0,1 l is used when mono (100V or 70V)

reply:

```
#|web|F001|SAPHzz|+|U|<CR><LF>#|ALL|F001|APHzz|l^r|U|<CR><LF>
```

Get Antiphase

command

```
#|F001|web|GAPHzz||U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|APHzz|l^r|U|<CR><LF>
```

l,r = 0,1 l is used when mono (100V or 70V)

Speaker filter

Set speaker filter

command

#|F001|web|SSPFzz|nr^type^freqz^freqp^qz^qp^boost^gain|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

nr = 1 - 12

type

0 = DISABLED

1 = PEAKING

2 = LOWPASS

3 = HIGHPASS

4 = LINKWITZ_TRANSFORM

5 = ALLPASS

6 = LOWSHELF

7 = HIGHSHELF

10 = FO_LOWPASS

11 = FO_HIGHPASS

freqz = 10-20000

freqp = 10-20000

qz = 10 - 150 (0.1 to 1.5)

qp = 10 - 150 (0.1 to 1.5)

boost = -300 to 300 (-30dB to +30dB)

gain = -100 to 100 (-10dB to +10dB)

reply:

#|web|F001|SSPFzz|+|U|<CR><LF> #|ALL|F001|SPFzz|nr^type^freqz^freqp^qz^qp^boost^gain|U|<CR><LF>

Get speaker filter

command

#|F001|web|GSPFzz|nr|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

nr = 1 - 12

reply:

#|web|F001|SPFzz|nr^type^freqz^freqp^qz^qp^boost^gain|U|<CR><LF>

nr = 1 - 12

type

0 = DISABLED

1 = PEAKING

2 = LOWPASS

3 = HIGHPASS

4 = LINKWITZ_TRANSFORM

5 = ALLPASS

6 = LOWSHELF

7 = HIGHSHELF

10 = FO_LOWPASS

11 = FO_HIGHPASS

freqz = 10-20000

freqp = 10-20000

qz = 10 - 150 (0.1 to 1.5)
qp = 10 - 150 (0.1 to 1.5)
boost = -300 to 300 (-30dB to +30dB)

gain = -100 to 100 (-10dB to +10dB)

Clear all speaker filter

command

```
#|F001|web|CLRAzz|nr|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

nr = 1 - 12

reply:

```
#|web|F001|CLRAzz|+|U|<CR><LF>#|ALL|F001|SPFzz|1^0^freqz^freqp^qz^qp^boost^gain|U|<CR><LF>to  
#|ALL|F001|SPFzz|12^0^freqz^freqp^qz^qp^boost^gain|U|<CR><LF>
```

Get all speaker filter

command

```
#|F001|web|GSPFALLzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|SPFALLzz|type1^freqz1^freqp1^qz1^qp1^boost1^gain1^ ^type12^freqz12^freqp12^qz12^qp12^boost12^gain12|U|<CR><LF>
```

type

0 = DISABLED

1 = PEAKING

2 = LOWPASS

3 = HIGHPASS

4 = LINKWITZ_TRANSFORM

5 = ALLPASS

6 = LOWSHELF

7 = HIGHSHELF

10 = FO_LOWPASS

11 = FO_HIGHPASS

freqz = 10-20000

freqp = 10-20000

qz = 10 - 150 (0.1 to 1.5)

qp = 10 - 150 (0.1 to 1.5)

boost = -300 to 300 (-30dB to +30dB)

gain = -100 to 100 (-10dB to +10dB)

Talkover

Set Talkover enable/input

command

```
#|F001|web|STOEzz|e^i|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

e = 0,1 0 = disable, 1 = enable

i = 1 to 8

1 = mic

2 = line/module

3 = Dante1

4 = Dante2

5 = Dante1_2

6 = Dante3

7 = Dante4

8 = Dante3_4

reply:

#|web|F001|STOEzz|+|U|<CR><LF>#|ALL|F001|TOEzz|e^i|U|<CR><LF>

Get Talkover enable/input

command

#|F001|web|GTOEzz|0|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

reply:

#|web|F001|TOEzz|e^i|U|<CR><LF>

e = 0,1 0 = disable, 1 = enable

i = 1 to 8

1 = mic

2 = line/module

3 = Dante1

4 = Dante2

5 = Dante1_2

6 = Dante3

7 = Dante4

8 = Dante3_4

Set Talkover parameters

command

#|F001|web|STOzz|e^i^t^il^a^h^d|U|<CR><LF>

zz = zone

Amp Out = 01

Line Out = 02

e = 0,1 0 = disable, 1 = enable

i = 1 to 8

1 = mic

2 = line/module

3 = Dante1
4 = Dante2
5 = Dante1_2
6 = Dante3
7 = Dante4
8 = Dante3_4
t = threshold level in dB
il = input ducking level in dB
a = attack in ms (100 to 9999)

h = hold in ms (100 to 9999)

d = decay in ms (100 to 9999)

reply:

```
#|web|F001|STOzz|+|U|<CR><LF>#|ALL|F001|TOzz|e^i^t^il^a^h^d|U|<CR><LF>
```

Get Talkover parameters

command

```
#|F001|web|GTOzz|0|U|<CR><LF>zz zone
```

reply:

```
#|web|F001|TOzz|e^i^t^il^a^h^d|U|<CR><LF>
```

e = 0,1 0 = disable, 1 = enable

i = 1 to 8

1 = mic

2 = line/module

3 = Dante1

4 = Dante2

5 = Dante1_2

6 = Dante3

7 = Dante4

8 = Dante3_4

t = threshold level in dB

il = input ducking level in dB

a = attack in ms

h = hold in ms

d = decay in ms

Prio

Set Prio enable/input

command

```
#|F001|web|SPREzz|e^i|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

e = 0,1 0 = disable, 1 = enable

i = 1 to 8

1 = mic

2 = line/module

3 = Dante1

4 = Dante2
5 = Dante1_2
6 = Dante3
7 = Dante4
8 = Dante3_4

reply:

```
#|web|F001|SPREzz|+|U|<CR><LF>#|ALL|F001|PREzz|e^i|U|<CR><LF>
```

Get Prio enable/input

command

```
#|F001|web|GPREzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|PREzz|e^i|U|<CR><LF>
```

e = 0,1 0 = disable, 1 = enable

i = 1 to 8
1 = mic
2 = line/module
3 = Dante1
4 = Dante2
5 = Dante1_2
6 = Dante3
7 = Dante4
8 = Dante3_4

Set Prio parameters

command

```
#|F001|web|SPRzz|e^i^t^i^a^h^d|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

e = 0,1 0 = disable, 1 = enable

i = 1 to 8
1 = mic
2 = line/module
3 = Dante1
4 = Dante2
5 = Dante1_2
6 = Dante3
7 = Dante4
8 = Dante3_4
t = threshold level in dB

l = prio level in dB
a = attack in ms (100 to 9999)

h = hold in ms (100 to 9999)

d = decay in ms (100 to 9999)

reply:

```
#|web|F001|STOzz|+|U|<CR><LF>#|ALL|F001|TOzz|e^i^t^l^a^h^d|U|<CR><LF>
```

Get Prio parameters

command

```
#|F001|web|GPRzz|0|U|<CR><LF>
```

zz = zone

Amp Out = 01

Line Out = 02

reply:

```
#|web|F001|PRzz|e^i^t^l^a^h^d|U|<CR><LF>
```

e = 0,1 0 = disable, 1 = enable

i = 1 to 8

1 = mic

2 = line/module

3 = Dante1

4 = Dante2

5 = Dante1_2

6 = Dante3

7 = Dante4

8 = Dante3_4

t = threshold level in dB

l = prio level in dB

a = attack in ms

h = hold in ms

d = decay in ms

Device name

Get name

command

```
#|F001|web|GNM|0|U|<CR><LF>
```

reply:

```
#|web|F001|NM|n|U|<CR><LF>
```

n = name, max 31 char

Set name

command

```
#|F001|web|SNM|n|U|<CR><LF>
```

n = name of zone, max 31 char

reply:

```
#|web|F001|SNM|+|U|<CR><LF>#|ALL|F001|NM|n|U|<CR><LF>
n = name of zone, max 31 char
```

Dante

Get Dante device id

command

```
#|F001|web|GDNT|0|U|<CR><LF>
```

reply:

```
#|web|F001|DNT|id|U|<CR><LF>
```

id = "ANI", "ANI44", "ANI22", "ANI44x", "ANI22x"