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DSP Factory

Yamaha DSP Factory

, 600 가
, 24

Yamaha 02R

DS2416
16

Yamaha DSP Factory

. DS2416

Yamaha 02R

DSP

* DS2416

: Yamaha DSP Factory

, PCI

. * 24

: 24

. * 16

:

16

가 . *

DSP: 4

EQ,

, 6

Aux

, 10

. * 2

: Yamaha REV500

12가

, 11가

, 2가

, 3가

, 12가

. *

: AX44

가

. *

가 :

600

가

* DS2416 :

- PCI (7).
- 6 : In L/R (), Out L/R (), Digital In, Digital Out.
- 4 : IO-A, IO-B (AX44), Serial In, Serial Out (가 DS2416 SW1000XG).

* AX44 ():

- 4 (1/4 ").
- 4 (1/4 ").
- .
- PC 5.25 " .

Yamaha DSP Factory 가 , Yamaha

* Cakewalk Pro Audio: DSP Factory . DirectX Insert
Aux 가 , DSP Factory FX 가 . * Cubase
Audio VST/24: DSP Factory 3.6 , /Aux
16 6 * Logic Audio Gold Platinum: DSP Factory ,
(DirectX Yamaha EQ/Dynamics)
* C-Console: C-Mexx , DSP Factory

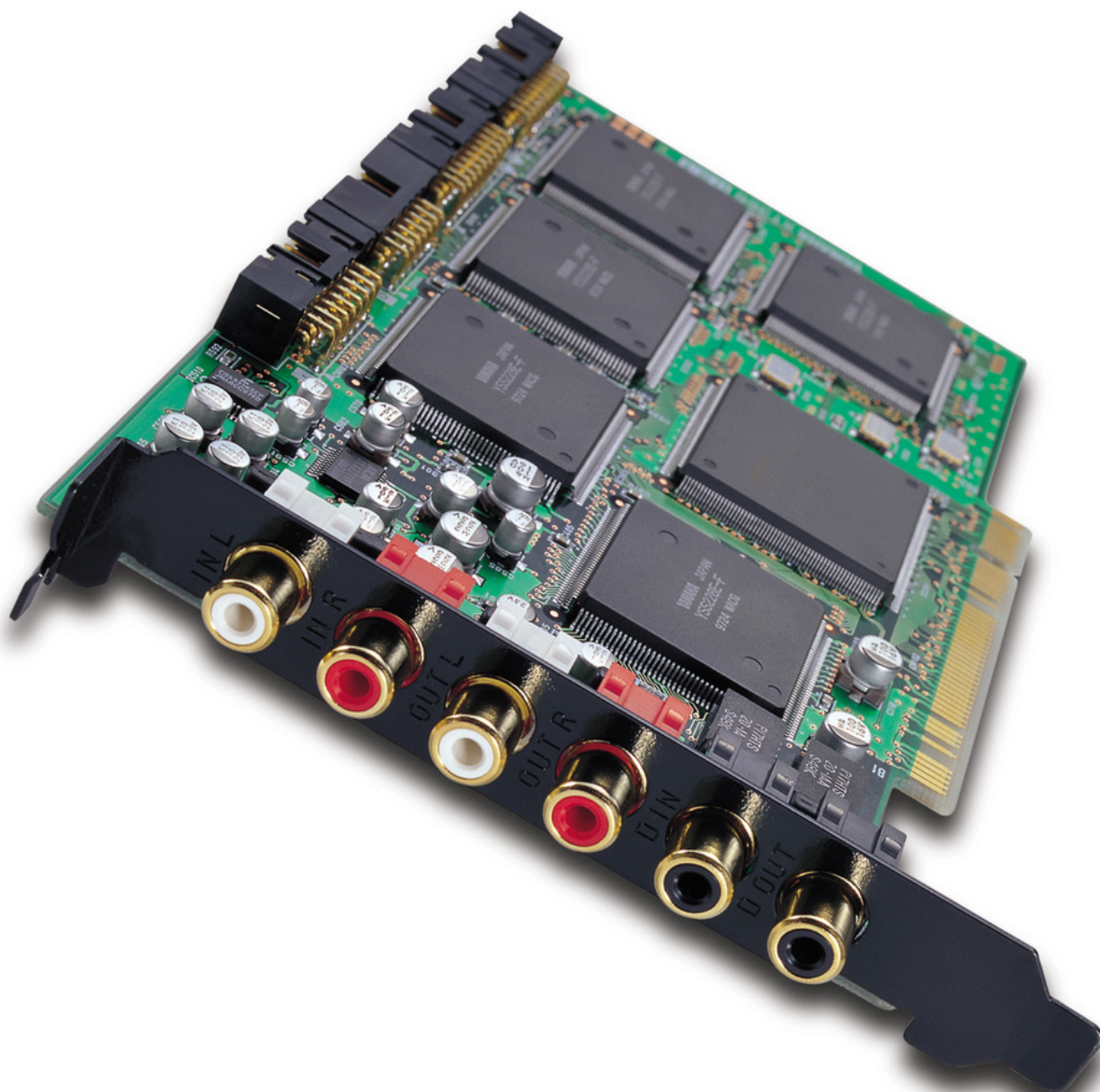
* 02R : DS2416 02R 4 EQ,
, Aux * DSP : DSP
CPU * : AX44
, 가 DS2416 SW1000XG

* 가 02R * DSP *
. * 가 I/O .

* I/O가 (). *

Yamaha DSP Factory

- <https://www.soundonsound.com/reviews/yamaha-dsp-factory-hard-disk-recording-system>



HEAVY ASIA.BUN - Cakewalk Pro Audio

File Edit View Insert Realtime Go Track Tools Window Help

35:04:300 00:00:39:13 218.00

74:01:000 89:04:479 1:01:000 1:01:000 Chorus

HEAVY ASIA.BUN* - Track

| Name | Source | Key+ | Vel+ | Time+ | Port | C |
|-----------------|--------|------|-------|-------|------|------|
| 1 drums | M S R | | 0 0 | 0 0 | 0 | 1-Rc |
| 2 bass | M S R | MIDI | -24 0 | 0 0 | 0 | 1-Rc |
| 3 MIDI guitar | M S R | | 0 0 | 0 0 | 0 | 1-Rc |
| 4 lead | M S R | | 0 0 | 0 0 | 0 | 1-Rc |
| 5 saw wave lead | M S R | | 0 0 | 0 0 | 0 | 1-Rc |
| 6 shamisen | M S R | | 0 0 | 0 0 | 0 | 1-Rc |
| 7 saw wave | M S R | | 0 0 | 0 0 | 0 | 1-Rc |

Yamaha DSP Factory Mult...
Effect Type: 0: Reverb Hall
Parameter Value
REV.TIME 3.2 s
INI.DLY 36.0 ms
HI.RATIO 0.3
LO.RATIO 1.4
DIFF 8
DENSITY 100 %
HPF Thru Hz
LPF 6.72k Hz
E/R DLY 2.0 ms
E/R BAL 44 %
GATE LVL OFF dB
ATTACK 4 ms
HOLD 325m s
DECAY 75m s
Send Level
Return Level

Yamaha DSP Factory Equalizer
Peaking Bypass
Q:10.0 Q:10.0
Freq:1.1k Freq:20
Gain:9.0 Gain:0.0
Q:10.0 Q:2.8
Freq:113 Freq:239
Gain:3.5 Gain:-3.0

DS2416 #1 Multieffects
DS2416 #2 Dynamic#
DS2416 #3 Equalize#
DS2416 #4 Parametr#
DS2416 #5 Multieffects

For Help, press F1 Disk space: 1478MB (71)

The screenshot displays the Cakewalk Pro Audio software interface for a project titled "HEAVY ASIA.BUN". The top menu bar includes File, Edit, View, Insert, Realtime, Go, Track, Tools, Window, and Help. The transport controls show a current time of 35:04:300 and a tempo of 218.00. The track list on the left includes drums, bass, MIDI guitar, lead, saw wave lead, shamisen, and saw wave. The main workspace shows a piano roll with various tracks and a mixer with multiple channels. Two windows are open: "Yamaha DSP Factory Mult..." and "Yamaha DSP Factory Equalizer". The mixer features five channels with parameters like Q, frequency, and gain. The bottom status bar shows "Disk space: 1478MB (71)".

Yamaha DSP-Factory

File Edit Structure Functions Options Score Audio Modules Windows Help

The screenshot shows the main interface of the Yamaha DSP-Factory software. It features several sections:

- DYNAMICS:** Two identical modules with parameters for Threshold (-54 dB), Ratio (1:1), Attack (0ms), Release (0ms), Gain (0.0dB), and Knee (Hard).
- AUXILIARY:** Six modules (AUX 1-6) with STEREO ON/OFF, ON/POST, and gain controls.
- BUS:** Eight modules (BUS 1-8) with ON/POST and gain controls.
- EQ:** Four high-pass and four low-pass filter sections with frequency and Q controls.
- Automation:** A row of 16 faders for AUK and BUS assignments.

Yamaha DSP-Factory FX

The screenshot shows the Yamaha DSP-Factory FX software interface with the following parameters:

- REV. TIME: 3.2 s
- LPF: 6.72k Hz
- IN. DLY: 38.0 ms
- ER. DLY: 2.0 ms
- HI. RATIO: 0.3
- ER. BAL: 44%
- LO. RATIO: 1.4
- GATE LVL: OFF dB
- DIFF: 8
- ATTACK: 4 ms
- DENSITY: 100%
- HOLD: 325ms
- HPF: Thru Hz
- DECAY: 75ms

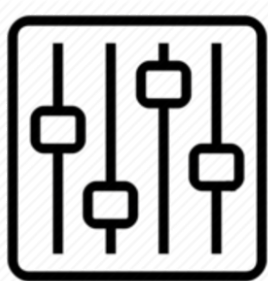
Yamaha DSP-Factory Bus/Aux

The screenshot shows the Yamaha DSP-Factory Bus/Aux software interface, which is a routing matrix with 16 columns (Bus 1-16) and 8 rows (Bus 1-8, Aux 1-6, Aux 0).

DS2416 Patch MW for SOS

InPatch OutPatch WordClock

| | REC 1/2 | REC 3/4 | REC 5/6 | REC 7/8 | IO-A 1/2 | IO-A 3/4 | IO-B 1/2 | IO-B 3/4 | D/R | SPDIF | IO-A 5/6 | IO-A 7/8 | IO-B 5/6 | IO-B 7/8 |
|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----|-------|----------|----------|----------|----------|
| BUS 1/2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| BUS 3/4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| BUS 5/6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| BUS 7/8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| AUX 1/2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AUX 3/4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AUX 5/6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| STEREO | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |



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Last update: **2025/04/08**

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