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|||||222222|44||44|0000||9999|222222|88888||| | | | | | | |
|||||222|44||44|00||00|99||99|||222|88||88|||
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||| BLOCCO D ||||| [ 1567 mA ]

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**/MEX-A**

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GATE <--
OUT --> AND-1 Eas (TipTop Rosso)
        TRIG-2 RND STEP (Doepfer Nero)
        TRIG Mutant BD9 (TipTop Verde)

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**/MEX-B**

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GATE <--
OUT --> OR-1 Eas (TipTop Rosso)
        TRIG-3 RND STEP (Doepfer Nero)
        EXCITE Steady State Gate (TipTop Rosso)

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**/Muxlicer**

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```

RUN-ADD <-- OUT(B)1 RND STEP (Doepfer Nero)
GATE-MOD <--
  RESET <--
  CLOCK <--
  CLOCK --> 1 Patch-bay [D] (Befaco Nero)
1 GATES --> 2 A-182-1 (Doepfer Giallo)
2 GATES --> 3 A-182-1 (Doepfer Giallo)
3 GATES --> 4 A-182-1 (Doepfer Giallo)
4 GATES --> 5 A-182-1 (Doepfer Giallo)
5 GATES --> 6 A-182-1 (Doepfer Giallo)
6 GATES --> 7 A-182-1 (Doepfer Giallo)
7 GATES -->
8 GATES -->
  ALL <--
COM I/O --> 1 (+) Quad Inverter [D] (TipTop Verde)
            FREQ MF-107B [D] (Doepfer Grigio)
  ALL -->
  EOC --> TRIG-1 RND STEP (TipTop Rosso)
          2 Patch-bay [D] (Doepfer Giallo)
          TRIG EG (Doepfer Giallo)
          RESET LFO (TipTop Verde)

1 MUX <--
2 MUX <--
3 MUX <--

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4 MUX <--  
5 MUX <--  
6 MUX <--  
7 MUX <--  
8 MUX <--

**/Eas**

---

AND-1 <-- OUT MEX-A (TipTop Rosso)  
AND-2 <--  
    AND -->  
NAND -->  
OR-1 <-- OUT MEX-B (TipTop Rosso)  
OR-2 <-- 3 (+) Quad Inverter [D] (Doepfer Giallo)  
    OR -->  
    NOR -->  
XOR-1 <-- 3 Patch-bay [D] (Doepfer Giallo)  
XOR-2 <--  
    XOR -->  
XNOR --> CLOSED Hat (TipTop Verde)  
NOT <--  
NOT -->

**/Quad Inverter [D]**

---

1 (+) <-- COM I/O Muxlicer (TipTop Verde)  
    FREQ MF-107B [D] (Doepfer Grigio)  
1 (-) --> FREQ Steady State Gate (TipTop Giallo)  
    PITCH Mutant BD9 (Doepfer Nero)  
2 (+) <-- OUT(U)1 RND STEP (TipTop Verde)  
    ENV MF-105M (Koma Att.)  
2 (-) --> TIMBRE Steady State Gate (TipTop Giallo)  
    PITCH Mutant Clap (Doepfer Grigio)  
3 (+) <-- OUT(U)2 RND STEP (TipTop Rosso)  
    OR-2 Eas (Doepfer Giallo)  
3 (-) --> REV DEC Mutant Clap (TipTop Rosso)  
    MIX Spring Reverb (Doepfer Rosso)  
4 (+) <-- ENV Steady State Gate (TipTop Giallo)  
4 (-) --> ENV MF-107B [D] (TipTop Rosso)  
    SIZZLE Hat (Doepfer Giallo)

**/LFO**

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RESET <-- TRIG LFO (TipTop Verde)  
    TRIG-1 RND STEP (Doepfer Giallo)  
    EOC Muxlixer (TipTop Rosso)  
RATE <--  
WAVE <--  
OUT 1 -->  
OUT 2 -->

**/EG**

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TRIG <-- TRIG-1 RND STEP (Doepfer Giallo)  
          EOC Muxlixer (TipTop Rosso)  
ATTACK <--  
DECAY <--  
OUT -->

**/Fade**

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A <-- VCO MF-107A [D] (TipTop Rosso)  
B <-- NOISE Mutant Clap (Doepfer Nero)  
FADE <--  
VOL <--  
OUT --> AUDIO MF-105M (TipTop Verde)

**/Delay**

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IN <-- A Unity [D] (Doepfer Giallo)  
TIME <-- OUT(B)1 RND STEP (TipTop Verde)  
FDBK <-- OUT(B)3 RND STEP (Doepfer Giallo)  
MIX <--  
OUT --> L-3 Vortices (Doepfer Blu)

**/Hat**

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CLOSED <-- XNOR Eas (TipTop Verde)  
OPEN <-- 1 A-182-1 (Doepfer Grigio)  
DECAY <-- OUT(U)3 RND STEP (TipTop Verde)  
SIZZLE <-- 4 (-) Quad Inverter [D] (Doepfer Giallo)  
OUT --> M-3 Vortices (Doepfer Blu)

**/Unity [D]**

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1 <-- MONO-R Vortices (Doepfer Blu)  
2 <-- LEFT MF-105M (TipTop Verde)  
3 <-- RIGHT MF-105M (TipTop Verde)  
A --> IN Delay (Doepfer Giallo)  
4 <--  
5 <-- MONO-L Vortices (Doepfer Blu)  
6 <-- X-FADE Vortices (Doepfer Blu)  
B --> IN 1 Spring Reverb (Doepfer Blu)  
          IN 2 Spring Reverb (TipTop Verde)

**/RND STEP**

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TRIG-1 <-- EOC Muxlicer (TipTop Rosso)  
SAMPLE-1 <--  
OUT(U)1 --> 2 (+) Quad Inverter [D] (TipTop Verde)

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ENV MF-105M (Koma Att.)
Q-FCTR Steady State Gate (Doepfer Nero)
OUT(B)1 --> TIME Delay (TipTop Verde)
RUN-ADD Muxlicer (Doepfer Nero)
TRIG-2 <-- TRIG Mutant BD9 (TipTop Verde)
AND-1 Eas (Doepfer Nero)
OUT MEX-A (TipTop Rosso)
SAMPLE-2 <--
OUT(U)2 --> 3 (+) Quad Inverter [D] (TipTop Verde)
OR-2 Eas (Doepfer Giallo)
AMP DEC Mutant BD9 (Doepfer Giallo)
OUT(B)2 --> SUB LVL Mutant BD9 (TipTop Verde)
TRIG-3 <-- EXITER Steady State Gate (TipTop Rosso)
OR-1 Eas (Doepfer Nero)
OUT MEX-B (TipTop Rosso)
SAMPLE-3 <--
OUT(U)3 --> DECAY Hat (TipTop Verde)
DECAY Steady State Gate (Doepfer Nero)
OUT(B)3 --> FM MF-107B [D] (TipTop Verde)
FDBK Delay (Doepfer Giallo)

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#### **/Mutant BD9**

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TRIG <-- TRIG-2 RND STEP (TipTop Verde)
ACCENT <--
SUB LVL <-- OUT(B)2 RND STEP (TipTop Verde)
PITCH <-- FREQ Steady State Gate (Doepfer Nero)
1 (-) Quad Inverter [D] (TipTop Giallo)
AMP DEC <-- OUT(U)2 RND STEP (Doepfer Giallo)
OUT --> M-2 Vortices (Doepfer Blu)

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#### **/Mutant Clap**

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REV DEC <-- 3 (-) Quad Inverter [D] (TipTop Rosso)
TRIG <-- 6 Patch-bay [D] (Doepfer Giallo)
PITCH <-- 2 (-) Quad Inverter [D] (Doepfer Grigio)
ACCENT <--
OUT --> M-4 Vortices (Doepfer Blu)
NOISE --> B Fade (Doepfer Nero)
FILTER -->

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#### **/Steady State Gate**

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DACAY <-- OUT(U)3 RND STEP (Doepfer Nero)
FREQ <-- 1 (-) Quad Inverter [D] (TipTop Giallo)
PITCH Mutant BD9 (Doepfer Nero)
EXCITE <-- TRIG-3 RND STEP (TipTop Rosso)
TIMBRE <-- 2 (-) Quad Inverter [D] (TipTop Giallo)
Q-FCTR <-- OUT(U)1 RND STEP (Doepfer Nero)
IN <-- AUDIO MF-107B [D] (TipTop Verde)

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ENV --> 4 (+) Quad Inverter [D] (TipTop Giallo)  
WAVE MF-107B [D] (Doepfer Giallo)  
OUT --> M-1 Vortices (Doepfer Blu)

**/Patch-bay [D]**

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1 <-- CLOCK Muxslicer (Befaco Nero)  
2 <-- EOC Muxslicer (Doepfer Giallo)  
3 --> XOR-1 Eas (Doepfer Giallo)  
4 --> STEP MF-105M (Doepfer Giallo)  
RATE MF-105M (TipTop Verde)  
5 <-- 8 A-182-1 (Doepfer Nero)  
6 --> TRIG Mutant Clap (Doepfer Giallo)

**/MF-107A [D]**

---

AUDIO <--  
FREQ <--  
WAVE <--  
ENV <--  
FM <--  
MIX <--  
ENV -->  
VCO --> A Fade (TipTop Rosso)  
AUDIO --> AUDIO MF-107B [D] (TipTop Rosso)

**/MF-105M**

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AUDIO <-- OUT Fade (TipTop Verde)  
LFO <--  
RATE <-- STEP MF-105M (TipTop Verde)  
STEP <-- RATE MF-105M (TipTop Verde)  
4 Patch-bay (Doepfer Giallo)  
ENV <-- 2 (+) Quad Inverter [D] (Koma Att.)  
LEFT --> L-2 Vortices (Doepfer Blu)  
RIGHT --> R-2 Vortices (Doepfer Blu)

**/MF-107B [D]**

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AUDIO <-- AUDIO MF-107A [D] (TipTop Rosso)  
FREQ <-- 1 (+) Quad Inverter [D] (Doepfer Grigio)  
WAVE <-- ENV Steady State Gate (Doepfer Giallo)  
ENV <-- 4 (-) Quad Inverter [D] (TipTop Rosso)  
FM <-- OUT(B)3 RND STEP (TipTop Verde)  
MIX <--  
ENV -->  
VCO -->  
AUDIO --> IN Steady State Gate (TipTop Verde)

||| **O-BOARD** |||||||||||||||||||||||||||||||||||||||| [ 0 mA ]

**/A-182-1**

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1 --> OPEN Hat (Doepfer Grigio)  
2 <-- 1 GATES Muxslicer (Doepfer Giallo)  
3 <-- 2 GATES Muxslicer (Doepfer Giallo)  
4 <-- 3 GATES Muxslicer (Doepfer Giallo)  
5 <-- 4 GATES Muxslicer (Doepfer Giallo)  
6 <-- 5 GATES Muxslicer (Doepfer Giallo)  
7 <-- 6 GATES Muxslicer (Doepfer Giallo)  
8 --> 5 Patch-bay (Doepfer Nero)

||| **REGIA** |||||||||||||||||||||||||||||||||||| [ 352 mA ]

**/Vortices**

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M-1 <-- OUT Steady State Gate (Doepfer Blu)  
PAN-1 <--  
M-2 <-- OUT Mutant BD9 (Doepfer Blu)  
X-FADE <--  
M-3 <-- OUT Hat (Doepfer Blu)  
PAN-4 <--  
M-4 <-- OUT Mutant Clap (Doepfer Blu)  
L-1 <-- EQ OUT (Doepfer Nero)  
R-1 <--  
L-2 <-- LEFT MF-105M (Doepfer Blu)  
R-2 <-- Right MF-105M (Doepfer Blu)  
L-3 <-- OUT Delay (Doepfer Blu)  
R-3 <--  
AUX-1 <--  
AUX-L <-- OUT L MSCL [A2] (TipTop Giallo)  
STEREO-L --> IN L MSCL [A1] (TipTop Giallo)  
L Verb (Doepfer Giallo)  
STEREO-R --> IN R MSCL [A1] (TipTop Giallo)  
R Verb (Doepfer Giallo)  
AUX-R <-- OUT R MSCL [A2] (TipTop Giallo)  
AUX-2 <--  
MASTER-L -->  
MONO-L --> 5 Unity [D] (Doepfer Blu)  
X-FADE --> SC MSCL [A2] (TipTop Giallo)  
6 Unity [D] (Doepfer Blu)  
MONO-R --> 1 Unity [D] (Doepfer Blu)  
MASTER-R -->

**/Verb**

---

L <-- STEREO-L Vortices (Doepfer Giallo)  
R <-- STEREO-R Vortices (Doepfer Giallo)  
MIX <--  
L --> TILT IN (YS Nero)

R --> TILT IN (YS Rosso)

**/EQ**

---

EQ IN <-- MIX Spring Reverb (Doepfer Giallo)  
EQ OUT --> L-1 Vortices (Doepfer Nero)  
TILT IN <-- L+R Verb (YS Nero/Rosso)  
TILT OUT --> L+R MSCL [A2] (YS Nero/Rosso)

**/Spring Reverb**

---

IN 1 <-- B Unity (Doepfer Blu)  
          IN 2 Spring Reverb (TipTop Verde)  
CV 1 <--  
IN 2 <-- IN 1 Spring Reverb (TipTop Verde)  
CV 2 <--  
MIX --> EQ IN (Doepfer Giallo)  
MIX CV <-- 3 (-) Quad Inverter [D] (Doepfer Rosso)  
WET -->

**/MSCL [A1]**

---

SC <--  
IN L <-- STEREO-L (TipTop Giallo)  
IN R <-- STEREO-R (TipTop Giallo)  
OUT L --> LEFT Restyler (Jack Grigio)  
OUT R --> RIGHT Restyler (Jack Grigio)

**/MSCL [A2]**

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SC <-- X-FADE Vortices (TipTop Giallo)  
IN L <-- TILT OUT (YS Nero)  
IN R <-- TILT OUT (YS Rosso)  
OUT L --> AUX-L Vortices (TipTop Giallo)  
OUT R --> AUX-R Vortices (TipTop Giallo)

**/V-MUTES**

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S-1 <--  
S-2 <--  
S-3 <--  
M-1 <--  
M-2 <--  
M-3 <--  
M-4 <--

||| **CAVI** ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

#15 TipTop Verde      #21 Doepfer Giallo #1 Koma Att.  
#9 " " Rosso      #9 " " Nero      #1 Befaco Nero

