

NEW FLOWER

WAX & GOLD

DATA SHEET 4-WAY ACTIVE CONCERT SOUND SYSTEM



CROSSOVER

Vintage Custom DB Concert Sound
(Allan Kelly 1983)

18DB OCTAVE, MAX. FLAT BUTTERWORTH

LF – 25Hz – 160Hz

LM – 160Hz – 1KHz

HM – 1KHz – OPEN

HF – 8KHz – OPEN

Low Frequency (LF)

DRIVERS: 4x JBL 2205

CABINET: 2x JBL 4520

AMPLIFIER: Crown Macro Tech 3600vz (1120wpc into 8ohm)

Low-Mid Frequency (LM)

DRIVERS: 2x JBL 2220

CABINET: 2x JBL 4560

AMPLIFIER: Crown Macro Tech 1200 (310wpc into 8ohm)

High-Mid Frequency (HM)

DRIVERS: 2x JBL 2441

CABINETS: 2x JBL 2390 horn + acoustic lens

AMPLIFIER: Crown DC300a (155wpc into 8ohm)

High Frequency (HF)

DRIVERS: 2x JBL 2405

CABINETS: N/A

AMPLIFIER: Crown D150a (75wpc into 8ohm)

NEW FLOWER

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DATA SHEET 2-WAY ACTIVE DISCOTHEQUE SOUND SYSTEM



CROSSOVER

Vintage Custom DB Concert Sound
(Allan Kelly 1983)
18DB OCTAVE, MAX. FLAT BUTTERWORTH
LF – 25Hz – 1KHz
HM – 1KHz – OPEN

Low Frequency (LF)

DRIVERS: 4x JBL 2205
CABINET: 2x JBL 4520
AMPLIFIER: Crown Macro Tech 3600vz (1120wpc into 8ohm)

High-Mid Frequency (HM)

DRIVERS: 2x JBL 2441
CABINETS: 2x JBL 2350 radial horn
AMPLIFIER: Crown DC300a (155wpc into 8ohm)

CABLING

SIGNAL: Mogami 8-channel signal loom, Canare L-4E6S Star Quad
SPEAKER: Canare 4S11 (14 AWG)
SPEAKER WIRING: Belden 9497 (16 AWG)

OTHER

COMPRESSORS: BSS DPR-402
EQUALISER: Klark Teknik DN360
METERS: Dorrough Dual 40-C
RACK MIXER: Samson SM-10

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REFERENCES

DRIVERS

JBL 2205 (30Hz – 2KHz)
<https://audio-database.com/JBL/unit/2205.html>
JBL 2220 (100w, 40Hz – 2KHz)
<https://audio-database.com/JBL/unit/2220.html>
JBL 2441 (70w, 500Hz – 18KHz)
<https://audio-database.com/JBL/unit/2441.html>
JBL 2405 (30w, 6.5KHz – 21.5KHz)
<https://audio-database.com/JBL/unit/2405.html>

CABINETS

JBL 4520 (min freq 30Hz)
<https://audio-database.com/JBL/unit/4520.html>
JBL 4560 (45Hz – 800Hz)
<https://audio-database.com/JBL/unit/4560bka.html>
JBL 2390 horn + lens (crossover freq 800Hz)
<https://audio-database.com/JBL/unit/2390.html>
JBL 2350 radial horn
<https://audio-database.com/JBL/unit/2350.html>

AMPLIFIERS

Crown Macro Tech 3600vz (1120wpc into 8ohm)
https://www.hifiengine.com/manual_library/crown/macro-tech-3600vz.shtml
Crown Macro Tech 1200 (310wpc into 8ohm)
https://www.hifiengine.com/manual_library/crown/macro-tech-1200.shtml
Crown DC300a
https://www.hifiengine.com/manual_library/crown/dc-300.shtml
Crown D150a (75wpc into 8ohm)
https://www.hifiengine.com/manual_library/crown/d-150.shtml

CABLING

Mogami 8-Channel Signal Cable Loom
<https://mogamicable.com/category/bulk/snake/>
Canare L-4E6S Star Quad Signal Cable
<https://www.canare.com/analogaudiocable>
Canare 4S11 Speaker Cable
<https://www.canare.com/speakercable>
Belden 9497 Speaker Cable
<https://www.belden.com/products/Cable/Audio-Cable/Speaker-Cable/9497>

OTHER

BSS DPR-402
<https://bssaudio.com/en/products/dpr-402>
Klark Teknik DN360
<https://www.klarktechnik.com/product.html?modelCode=P0AGV>
Dorrough Dual 40-C
<https://www.dorrough.com/40.html>
Samson SM10
<https://samsontech.com/products/mixers/rack-mixers/sm10/>