

S O U N D P R O J E C T S

DreamLine



The sound reinforcement system shall hold twelve individual fullrange line-array modules, each module comprising one 1-inch HF driver on a horn with a dispersion of 90 horizontal and 2.5 degrees vertical, flanked by 2 (neodymium) 6-inch drivers. The total system shall be powered by four 600W amplifiers. The maximum peak output of the total system shall be a calculated 138dB at 1m. The system shall a frequency range of 35Hz-20kHz. The systems coverage angle shall be 90 degrees horizontal and 40 degrees vertical with a curvilinear characteristic.

The cabinet shall be constructed of cross grain laminated multiplex, covered by a protective 2 component polyurethane coating. The total system weight including amplifiers and audio control shall be 122 kg only. It shall have an IEC CLR-3 audio in and output connector and a powercon in and thru mains connector.

The system shall be a self-powered design holding its own protective audio logic control electronics and amplifiers within the cabinet.

**System
DL2214**

Acoustical specifications:

- Drivers: 12 x 1", 24 x 6.5"
- Freq. response: 40Hz-18kHz
- Max. peak SPL @1m: 132dB c.f.2 (6 dB)
- Coverage angle: 90H x 40V curvilinear

Electrical specifications:

- Amplifier(s): MA4 technology
- Output: 1800W sine (DALC limited)
- Filter subsonic: 40Hz, 2nd order
- Input impedance: 20 kOhms balanced, 10 kOhms unbalanced
- Output impedance: hard-wired to input

- Power consumption.

- Mains voltage: 230V (other on request)
- Mains frequency: 50/60 Hz
- Idle: < 50VA
- Full load: 1800VA. DALC limited Ref. to continuous pink noise signal (6 dB crest factor within the specified range)

- Protection

- Protection threshold: +4dBu
- D.A.L.C. (Dual AudioLogic Control)
- Transient (soft power-up)
- DC-voltage short-circuit
- LED indication: power-on/signal/protect

Additional descriptive data:

- Cabinet construction: cross grain laminated multiplex
- Finish: Nano-armor™ coating
- Weight: 125 kg
- Size WxHxD (mm): 415x2205x840
- Rigging points: integrated single liftpoint levelbar, angle adapter (optional)
- Audio connectors: IEC XLR-3 in/out
- Main connectors: powercon in, powercon out
- Max. operating temp.: -10 to 40 C ambient

**System
DL2317**

Acoustical specifications:

- Drivers: 12 x 1", 24 x 6.5" ND
- Freq. response: 40Hz-18kHz
- Max. peak SPL @1m: 138dB c.f.2 (6 dB)
- Coverage angle: 90H x 40V curvilinear

Electrical specifications:

- Amplifier(s): MA4 technology
- Output: 1800W sine (DALC limited)
- Filter subsonic: 40Hz, 2nd order
- Input impedance: 20 kOhms balanced, 10 kOhms unbalanced
- Output impedance: hard-wired to input

- Power consumption.

- Mains voltage: 230V (other on request)
- Mains frequency: 50/60 Hz
- Idle: < 50VA
- Full load: 1800VA. DALC limited Ref. to continuous pink noise signal (6 dB crest factor within the specified range)

- Protection

- Protection threshold: +4dBu
- D.A.L.C. (Dual AudioLogic Control)
- Transient (soft power-up)
- DC-voltage short-circuit
- LED indication: power-on/signal/protect

Additional descriptive data:

- Cabinet construction: cross grain laminated multiplex
- Finish: Nano-armor™ coating
- Weight: 122 kg
- Size WxHxD (mm): 415x2205x840
- Rigging points: integrated single liftpoint levelbar, angle adapter (optional)
- Audio connectors: IEC XLR-3 in/out
- Main connectors: powercon in, powercon out
- Max. operating temp.: -10 to 40 C ambient

**System
DL2317D**

Acoustical specifications:

- Drivers: 12 x 1", 24 x 6.5"ND
- Freq. response: 40Hz-18kHz
- Max. peak SPL @1m: 138dB c.f.2 (6 dB)
- Coverage angle: 90H x 40V curvilinear

Electrical specifications:

- Amplifier(s): CCD™ technology
- Output: 3000W sine (DALC limited)
- Filter subsonic: 40Hz, 2nd order
- Input impedance: 20 kOhms balanced, 10 kOhms unbalanced
- Output impedance: hard-wired to input

- Power consumption.

- Mains voltage: 230V (other on request)
- Mains frequency: 50/60 Hz
- Idle: < 50VA
- Full load: 3000VA. DALC limited Ref. to continuous pink noise signal (6 dB crest factor within the specified range)

- Protection

- Protection threshold: +4dBu
- D.A.L.C. (Dual AudioLogic Control)
- Transient (soft power-up)
- DC-voltage short-circuit
- LED indication: power-on/signal/protect

Additional descriptive data:

- Cabinet construction: cross grain laminated multiplex
- Finish: Nano-armor™ coating
- Weight: 120 kg
- Size WxHxD (mm): 415x2205x840
- Rigging points: integrated single liftpoint levelbar, angle adapter (optional)
- Audio connectors: IEC XLR-3 in/out
- Main connectors: powercon in, powercon out
- Max. operating temp.: -10 to 40 C ambient

DreamLine High Power



The sound reinforcement system shall hold twelve individual fullrange line-array modules, each module comprising one 1-inch HF driver on a horn with a dispersion of 90 horizontal and 2.5 degrees vertical, flanked by 2 lightweight neodymium 6-inch drivers. The total system shall be powered by three 2kW amplifiers. The maximum peak output of the total system shall be a calculated 142-144dB at 1m. The system shall a frequency range of 90Hz-20kHz. The systems coverage angle shall be 90 degrees horizontal and 40 degrees vertical with a curvilinear characteristic.

The cabinet shall be constructed of cross grain laminated multiplex, covered by a protective 2 component polyurethane coating. The total system weight including amplifiers and audio control shall be 125 kg only. It shall have an IEC CLR-3 audio in and output connector and a powercon in and thru mains connector.

The system shall be a self-powered design holding its own protective audio logic control electronics and amplifiers within the cabinet.

**System
DL2417D****Acoustical specifications:**

- Drivers: 12 x 1", 24 x 6.5"ND
- Freq. response: 90Hz-18kHz
- Max. peak SPL @1m: 142dB c.f.2 (6 dB)
- Coverage angle: 90H x 40V curvilinear

Electrical specifications:

- Amplifier(s): CCD™ technology
- Output: 3000W sine (DALC limited)
- Filter subsonic: 90Hz, 2nd order
- Input impedance: 20 kOhms balanced, 10 kOhms unbalanced
- Output impedance: hard-wired to input

- Power consumption.

- Mains voltage: 230V (other on request)
- Mains frequency: 50/60 Hz
- Idle: < 50VA
- Full load: 3000VA. DALC limited Ref. to continuous pink noise signal (6 dB crest factor within the specified range)

- Protection

- Protection threshold: +4dBu
- D.A.L.C. (Dual AudioLogic Control)
- Transient (soft power-up)
- DC-voltage short-circuit
- LED indication: power-on/signal/protect

Additional descriptive data:

- Cabinet construction: cross grain laminated multiplex
- Finish: Nano-armor™ coating
- Weight: 125 kg
- Size WxHxD (mm): 415x2205x840
- Rigging points: integrated single liftpoint levelbar, angle adapter (optional)
- Audio connectors: IEC XLR-3 in/out
- Main connectors: powercon in, powercon out
- Max. operating temp.: -10 to 40 C ambient

**System
DL2430D****Acoustical specifications:**

- Drivers: 12 x 1" (3" diaphragm), 24 x 6.5"
- Freq. response: 90Hz-20kHz
- Max. peak SPL @1m: 144dB c.f.2 (6 dB)
- Coverage angle: 90H x 40V curvilinear

Electrical specifications:

- Amplifier(s): CCD™ technology
- Output: 3000W sine (DALC limited)
- Filter subsonic: 90Hz, 2nd order
- Input impedance: 20 kOhms balanced, 10 kOhms unbalanced
- Output impedance: hard-wired to input

- Power consumption.

- Mains voltage: 230V (other on request)
- Mains frequency: 50/60 Hz
- Idle: < 50VA
- Full load: 3000VA. DALC limited Ref. to continuous pink noise signal (6 dB crest factor within the specified range)

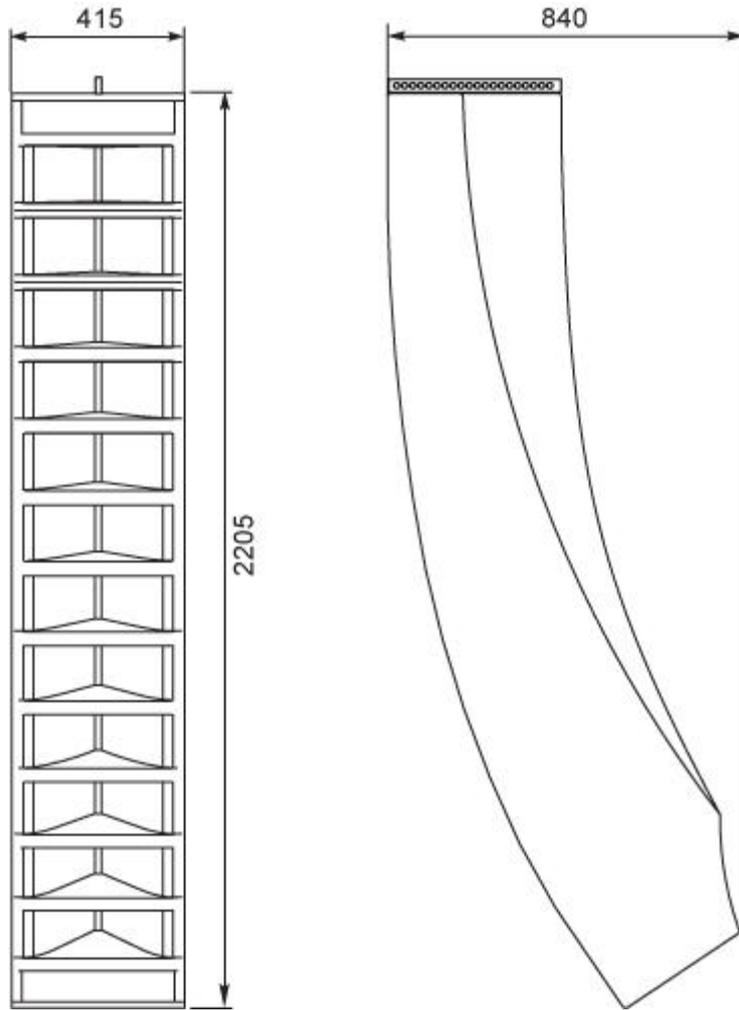
- Protection

- Protection threshold: +4dBu
- D.A.L.C. (Dual AudioLogic Control)
- Transient (soft power-up)
- DC-voltage short-circuit
- LED indication: power-on/signal/protect

Additional descriptive data:

- Cabinet construction: cross grain laminated multiplex
- Finish: Nano-armor™ coating
- Weight: 125 kg
- Size WxHxD (mm): 415x2205x840
- Rigging points: integrated single liftpoint levelbar, angle adapter (optional)
- Audio connectors: IEC XLR-3 in/out
- Main connectors: powercon in, powercon out
- Max. operating temp.: -10 to 40 C ambient

TECHNICAL SPECIFICATIONS



Specifications subject to change without notice