

4922 SYSTEM



FEATURES:

Optimum matching of amplifier power and signal processing to loudspeaker systems

Electronic equipment mounted and wired for immediate use

Standardized equipment interconnect cables

Certified hanging and rigging hardware

Systems fully tested before shipment

Stereo (two channel) capability

Optional three-way (4922T) configuration

The JBL 4922 is a complete two-channel, two-way loudspeaker and amplification system ready to operate with the addition of source and mixing equipment. The 4922 consists of loudspeaker systems, power amplifiers, electronic crossover and loudspeaker signal processing equipment, rack cabinetry and loudspeaker system connecting cables.

Optimum matching of amplifier power and signal processing results from JBL's intimate knowledge of the performance capabilities and limitations of JBL transducers. This assures the highest possible levels of system performance and long-term reliability.

4922 systems are pre-wired, tested and ready for immediate use. Loudspeaker systems are equipped

with certified hanging hardware for ease of installation. An accessory electronics road case and loudspeaker dollies are available for touring applications.

ARCHITECTURAL SPECIFICATIONS:

The two-channel loudspeaker and amplification system shall be manufactured by a single source and be factory assembled, tested and delivered as a complete system. The system shall conform to the following specifications:

4922

Total amplifier power available into nominal loudspeaker load impedances: 1,350 watts. Amplitude response: ± 3 dB, 45 Hz to 16 kHz. Maximum program SPL: 135 dB at 1 meter (unweighted).

The loudspeaker and amplification system shall be comprised of the following sub-system components (insert individual architectural specifications for each model listed): 2-JBL model 4870 two-way loudspeaker systems; 2-JBL model 3850 loudspeaker cables; 1-JBL model 9922 electronics rack, including 1-JBL 6260 amplifier (HF); 1-JBL 6290 amplifiers (LF); and, 1-JBL 5234A dual-channel electronic crossovers with 40 Hz high-pass filters, 800 Hz crossover points and power response compensating equalization.

The two-channel, two-way loudspeaker and amplification system shall be the JBL Concert Series model 4922.

4922T

Total amplifier power available into nominal loudspeaker load impedances: 1,400 watts. Amplitude response: ± 3 dB, 45 Hz to 17.5 kHz. Maximum program SPL: 135 dB at 1 meter (unweighted).

The loudspeaker and amplification system shall be comprised of the following sub-system components (insert individual architectural specifications for each model listed): 2-JBL model 4871 three-way loudspeaker systems; 2-JBL model 3850 loudspeaker cables; 1-JBL model 9922 electronics rack, including 1-JBL 6215 amplifier (VHF); 1-JBL 6260 amplifier (HF); 1-JBL 6290 amplifiers (LF); and 2-JBL 5234A dual-channel electronic crossovers with 40 Hz high-pass filters, 7 kHz and 800 Hz crossover points and HF power response compensating equalization.

The two-channel, three-way loudspeaker and amplification system shall be the JBL Concert Series model 4922T.

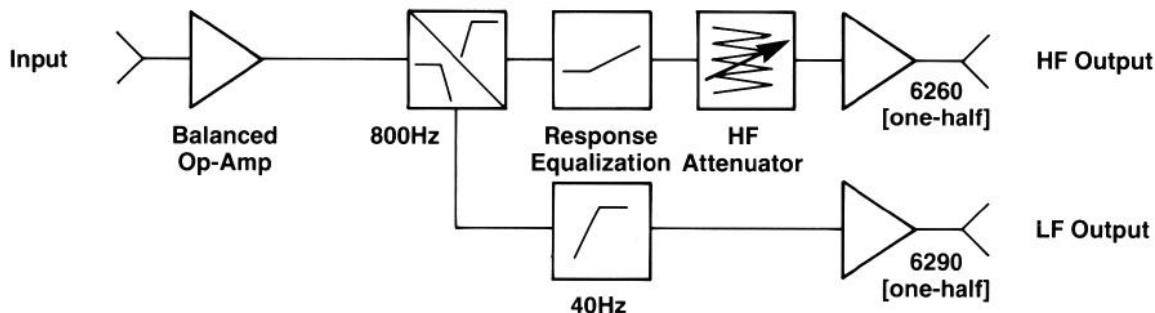
SPECIFICATIONS:

Components: 2-JBL 4870 loudspeaker systems
2-JBL 3850 50 foot loudspeaker cables
1-JBL 9922 equipment rack, including:
1-JBL 6260 amplifier (HF)
1-JBL 6290 amplifier (LF)
1-JBL 5234A dual channel electronic crossover with high-pass filtering, 800 Hz crossover points and power response correction.

System Specifications:

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|-----------------------------------|--|
| System Type: | Two-channel, loudspeaker and companion amplification system |
| Frequency range (-10 dB): | 35 Hz to 20 kHz |
| Frequency response (± 3 dB): | 45 Hz to 16 kHz |
| Amplifier power: | 1,350 W (Total available power into nominal system load impedances) |
| Maximum SPL: | 135 dB (continuous program, 1m) |
| Interface: | Dual female XLR input connectors with polarity reverse and ground lift switches, outputs via (2) EP-8 rear panel mounted female receptacles |
| Accessories: | Model 4870DL loudspeaker dolly Model 9916RC rack case and dolly |
| Options: | 4922T three-way system—adds: 1-JBL 5234A dual-channel electronic crossover with 7 kHz crossover cards 1-JBL 6215 dual-channel power amplifier 4-JBL 2404H very high frequency transducers |

9922 Function-Block Diagram (one-half)



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