
Amfi
BY MONDIAL

The AmFi AmfiTheater 1

by Mondial Designs Ltd.



The World Agrees

For over a decade Mondial Designs has been a renowned creator of American handcrafted audio components. As recipients of numerous Product of the Year and Best Value Awards worldwide, Mondial has made its mark on the global market. In 1994 Mondial created the world's first three channel amplifier. This enabled audiophiles to transform their stereo systems into exceptional home theaters. Since that time Mondial has been at the forefront of home theater.

What is AmFi?

AmFi stands for American Fidelity. Due to its global success with separate components Mondial decided to engineer three separate components to be incorporated into the chassis of

the AmfiTheater 1, thus creating a receiver that embodies the American concept of separate audio/video component sections.

The AM/FM tuner section incorporates the most advanced tuner technology in the world - RDS. There are over 500 stations in the U.S. that already transmit with the Radio Data System and the AmfiTheater 1 is one of the very few receivers capable of accessing this latest technological advance.

The preamplifier/surround sound processor section utilizes both Dolby Pro Logic and Digital Signal Processing. As with a separate surround sound preamplifier, there are 5 channels + subwoofer line level outputs.

The power amplifier section was tested on some of the finest and most difficult to drive American speakers. The AmfiTheater 1 is capable of driving the most advanced cone, electrostatic or ribbon loudspeakers. This amplifier stage has two separate DC power supplies yielding outstanding separation and stability.

The AmfiTheater 1 by Mondial, the company internationally acclaimed as manufacturer of the best value separate components, presents the best value in receivers. With its excellent line stage outputs that allow direct access to the Tuner and Preamplifier sections, the AmfiTheater 1 is a receiver that can be expanded upon now or in the future.



The AmfiTheater 1- An Outstanding Value.

Enhanced Separation Amplifier

The unique amplifier circuit has two separate power supplies, utilizing a dual wound transformer and separate DC supply storage capacitors. This Enhanced Separation Amplifier (ESA) provides one power supply for the left and right front channels and another power supply for the center and rear channels, yielding a major advantage in separation and localization. For example, if a jet is moving across the screen from left to right its sound will pass from the left speaker to the center speaker to the right speaker. Without ESA the transformer and storage capacitors could be drained by the left channel and not be able to provide the required power to the center channel and right channel. With ESA the ability to deliver power to the center channel is unimpaired while the power supply for the left and right front channels is allowed time to recharge before passing the power to the right channel. When the sound travels from the left or right front to the rear the ESA again maintains control of the situation.

Gold Plated Terminals

All input and output connectors are gold plated for the highest conductivity. They ensure high signal transmission and contact reliability.

Five-Way Binding Posts

The speaker output terminals are 5 way binding posts rather than spring clips. These are the same terminals found on the finest amplifiers due to their ability to provide greater contact area and less resistance for the speaker cables. 5-way binding posts allow for the connection of heavier gauge wire. This is especially important for surround sound applications because the rear speakers are placed a long distance from the receiver, thereby requiring the use of heavier gauge speaker cable.

Dolby Pro Logic

Over 100,000 movies are available via VCR, Laser Disc and Broadcast encoded in Dolby Pro Logic. The AmfiTheater 1 will properly decode the Dolby Pro Logic of all these sources for full movie theater surround sound.

Dolby 3 Stereo

This setting allows for Dolby decoding without the use of rear speakers. This is especially advantageous where the room seating arrangement does not allow for convenient rear speaker placement.

Three-Way Center Mode Control

AmFi provides 3 Center Mode selections: Phantom, when no center speaker is used. Normal, for a center speaker that is smaller than the left and right front speakers. Wide, when the center speaker is equal to the other front speakers. This ensures proper Dolby Pro Logic reproduction under all circumstances.

Selectable Time Delay

This allows the rear speakers to be electronically moved 'closer' or 'farther' to the front speakers assuring a smooth front to back transition of sound.

DSP Modes

In addition to Dolby Pro Logic there are two DSP modes which will create a surround sound environment from a stereo source. The Live mode recreates a club atmosphere and the Hall mode recreates the ambiance of a concert hall.

Radio Data System Tuner

Radio Data System (RDS) is an information system used by FM broadcasters. At present there are over 500 RDS FM stations in the U.S. alone. When tuning to an RDS station, information is broadcast that can appear on the AmfiTheater's display screen. This information includes the name of the station or its frequency, the program type (classical, rock, jazz, news etc.), a scrolling message and the time. The tuner will search for broadcasts and allows for 30 preset stations.

Frequency Selected Bass and Treble Controls

The bass and treble controls are contoured to minimize the effect on male voices while boosting the bass and to increase the treble without increasing harshness.

Tuner/Processor Preamp Outputs

The AmfiTheater 1 is engineered so it can also be employed as a tuner/processor preamp. The six channel output provides high gain for properly driving any power amplifier. This allows for future power amp upgrading. In addition you need not connect all channels to external high power amplifiers, but can select either a 2 channel or 3 channel amplifier for the front speakers. The other speakers will be powered by the Enhanced Separation Amplifier within the receiver.

Self-Setting Clock

The clock built into the receiver can be set automatically by tuning to an RDS station that broadcasts time. It will synchronize to the broadcast time. The receiver can be set to turn on at a set time and also has a sleep function for automatic turn off. This makes it an excellent choice for a bedroom home theater or stereo system.

Ergonomic Remote

The remote is easy to use because it is logically divided into 5 sections.

Specifications

Power Amplifier Rated Output

Front Left, Right & Center -
75 Watts per Channel at 0.09% THD
Rear = 30 Watts per Channel at 0.09% THD

Preamplifier

2 Audio / Video and 2 Audio Inputs
5 Line Level Outputs
6 Volts Maximum Output
Subwoofer and Tape Outputs

AM/FM Tuner

Station presets - 20 FM and 10 AM
Mono IHF Sensitivity - 12 odBf
Capture ratio - 1.5dB at 1kHz
THD @ 1kHz Mono/Stereo - 0.15% / 0.25%
Separation at 1kHz - 45dB

Weight 23 lbs.

Dimensions 17" x 5.5" x 14"

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