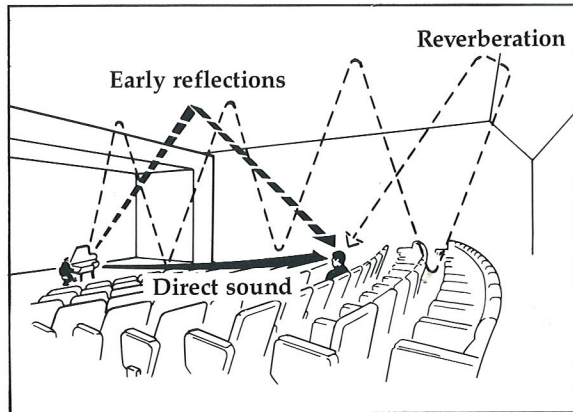


OPERATING INSTRUCTIONS

1. Turn the DSP on by pressing the "ON/OFF" button. The display will indicate which signal mode is in effect.
2. To listen to your audio system using the DSP "TALK" feature, press the "TALK" button.
3. To listen to any of the DSP musical modes, press the right ("NEXT") or left ("PREV") side of the "MODE" button until the desired mode is indicated in the display.
4. Set your desired "seating arrangement" by pressing either the right ("F") side of the "SEAT" button (to move your perceived seat to the **front** of the selected environment) or the left ("B") side of the "SEAT" button (to move your perceived seat to the **back** of the selected environment).
5. Turn the DSP off by pressing the "ON/OFF" button again.



WHAT IS DSP?

One of the biggest reasons a good car system doesn't sound like a good home system is the very small compartment in which the listener is positioned. DSP technology, which uses digital (versus analog) format to electronically alter the perceived acoustic environment, creates artificial echos of proper amplitude and time delay to create the illusion of being in a much larger environment.

With the Ford DSP unit, the user can choose from two Concert Halls, an Opera Hall, a Church, a Jazz Club or a Stadium. In addition to the room simulators, the user can also select a "Talk" mode, which optimizes the sound system for talk-radio listening by increasing speech intelligibility.


DSP Mode	Acoustical Characteristics
HALL	Rectangular (shoebox type) concert hall, capacity of about 2,000
ORCHESTRA	Fan-shaped (vineyard type) concert hall, capacity of about 2,000
OPERA	Opera house
CHURCH	Church with a high vault
JAZZ CLUB	Jazz club with clearly reflected sounds
STADIUM	Outdoor stadium with a capacity of 30,000



AUDIO SYSTEMS
The Sound of Quality

PRINTED IN U.S.A.

F2LF-19A016-AA



FORD Digital Signal Processing



The Sound of Quality

OPERATING GUIDE

INTRODUCING DSP

Your audio system has been equipped with one of the latest and most advanced audio technologies available today...Ford Digital Signal Processing (DSP). With DSP, you can enjoy the same ambiance in your car as you would experience in a Hall, Church, Club or Stadium.

Using digital processing to synthesize reflected sounds as well as direct sounds, DSP allows you to select the type of environment you perceive through the audio system in your car. Plus, it is conveniently operated through a remote controller placed on your instrument panel or in your console.

DSP works by altering the depth, presence and spaciousness created by the delay time, reflection and balance in your vehicle's audio system. These sound components give a room, hall or stadium its particular atmosphere or ambiance...so with DSP, you get the excitement and realism of a live concert!

Your DSP system even allows you to change your "seating location" within each of the different modes. Choose to hear the sound as though you were in the "front row" (for more direct sound) or in the "back row" (for more reflective sound) or anywhere in between.

The DSP system is equipped to provide a "TALK" feature, plus six different "modes:"

- HALL
- CHURCH
- ORCHESTRA
- CLUB
- OPERA
- STADIUM

Each of these modes represents a specific type of sound environment your DSP system is capable of delivering.

HALL

When in the "HALL" effect mode, the music you hear through your audio system will resemble what you would hear in a theater or music hall; it will sound as though you are sitting in a small rectangular hall (which seats approximately 2,000). In this mode, the rich, full sound coming through your speakers will clearly emulate "concert hall" sound.

ORCHESTRA

When in the "ORCHESTRA" effect mode, the background you hear will closely resemble what you might hear while seated in a large orchestra hall. DSP for this mode uses the types of audio reverberations commonly heard in a fan-shaped hall for full-bodied, rich sounding music.

OPERA

When in the "OPERA" effect mode, the music you hear will sound as though you were sitting in a multi-tiered opera house. This signal was developed so that customers might enjoy a grandiose, opera-style surrounding within the relatively smaller surroundings of the interior of their car.

CHURCH

When in the "CHURCH" effect mode, the music you hear will contain the same type of full-bodied resonance you would hear in a cathedral or temple surrounding. In this mode, your DSP system provides the same types of sound echos as you would experience in a large church with wooden pews, hard floors and a very high vault ceiling.

CLUB

When in the "CLUB" effect mode, the background you hear will closely emulate what you might experience if you went to hear a band play at a small jazz club (which seats about 300). This mode was developed so that the customer can fully enjoy the night club "atmosphere" of their favorite music.

STADIUM

When in the "STADIUM" effect mode, the music you hear will make you feel as though you are sitting in an outdoor sports arena. A broad range of reverberating sounds help make this signal mode distinctive from the others. When you are listening to music through this mode, DSP helps to capture the stadium "feel."

NOTE: Whichever signal mode you choose for your particular musical taste, be sure to experiment with the other modes to hear the differences and to experience all the exciting capabilities of this new

level of car audio technology.

TALK FEATURE

The TALK feature was developed to optimize the sound environment for talk-radio listening by increasing speech intelligibility, particularly for AM broadcasts. This is done by reducing high frequency noise and low frequency resonance. News programs, talk-radio, narrative tapes, etc. will sound clearer and more precise when listened to through the TALK feature of DSP.

