

The screenshot shows the following settings:

- General:** State (On), FM Deviation (40.000 kHz), Audio Source (Ext L,R), Mode (Mono Left), Ext R,L Impedance (100 kOhm), Preemphasis (50 µs), Max Modulation Freq (1.000 kHz).
- Stereo Pilot Tone Settings:** Pilot State (On), Pilot Deviation (6.750 kHz), Pilot Phase (0.0 deg).
- ARI Settings:** ARI State (Off), ARI Deviation (3.500 kHz), ARI Identification (Off), ARI BK (A).
- RDS Settings:** RDS State (On), RDS Deviation (2.000 kHz), RDS Data Set (DS1), Program Service Name (empty), Program Identification (empty), Traffic Program (On), Traffic Announcement (On).
- Stereo Coder:** Adjustment Data (Factory).

## General Settings

### State - Stereo Modulation

Activates/deactivates stereo modulation.

Remote command:

[\[:SOURCE\]:STEREO:STATE](#) on page 421

### FM Deviation - Stereo Modulation

Sets the MPX (Multiplex stereo signal) deviation.

Remote command:

[\[:SOURCE\]:STEREO\[:DEVIATION\]](#) on page 421

### Audio Source - Stereo Modulation

Selects the source for the audio signal.

- |                |  |
|----------------|--|
| "Off"          | No audio signal is provided, ARI and RDS signal can be generated separately.   |
| "Ext L,R"      | The external audio stereo signal is feed in via the analog [L] and [R] inputs. |
| "Ext S/P Diff" | The external audio signal is feed in via the digital [S/P DIF] input.          |
| "LF Gen"       | The audio stereo signal is internally generated by the LF generator.           |

Remote command:

[\[:SOURCE\]:STEREO:SOURCE](#) on page 420

**Mode - Stereo Modulation**

Selects the mode for the audio signal. If the internal LF generator is selected as audio source, the signal is generated according to the selection here. For external signals, the signal type has to be entered.

"Mono Left"	A mono signal containing the left channel is generated/fed in.
"Mono Right"	A mono signal containing the right channel is generated/fed in.
"Stereo R=L"	A stereo signal with right and left channel is generated/fed in. The channels have the same frequency and phase.
"Stereo R=-L"	The signal on the left external audio input is used for both channels, left and right. The right channel is inverted.
"Stereo R!=L"	(External source only) A stereo signal containing different, independent right and left channels is fed in. It is possible, for example, to feed a fixed audio frequency to the first channel while a frequency sweep is being performed in the second channel.

Remote command:

[\[:SOURce\]:STEReo:AUDio:MODE](#) on page 415

**LF Gen Freq - Stereo Modulation**

(Audio source "LF Gen" only)

Sets the frequency of the LF generator signal.

This setting affects all analog modulations which use the LF generator as the internal modulation source.

Remote command:

(two alias commands are available)

[\[:SOURce\]:STEReo:AUDio\[:FREQuency\]](#) on page 416

[\[:SOURce\]:LFOutput<ch>:FREQuency](#) on page 355

**LF Gen Shape - Stereo Modulation**

(Audio source "LF Gen" only)

Selects the shape of the LF generator signal.

This setting affects all analog modulations which use the LF generator as the internal modulation source.

Remote command:

[\[:SOURce\]:LFOutput:SHAPE](#) on page 363

**External R/L Impedance - Stereo Modulation**

(External analog audio signal input only)

Selects the input impedance for the external analog audio signal inputs [L] and [R].

Remote command:

[\[:SOURce\]:STEReo:EXTeRnal:IMPedance](#) on page 417

**Preemphasis - Stereo Modulation**

Activates and sets the pre-emphasis used for signal generation.