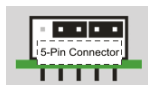# Standard Programs for the Model 711 Microphone

You can reprogram your Lampifier® microphone to one of the standard programs below or use the information on the right to create your own custom program.
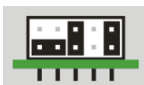
General Purpose Program

General Purpose program for all applications.
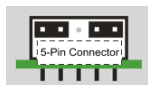
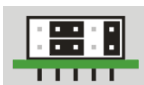Program Code: -12C-35SL:711 | Header 1 | Header 2

Intimate Stage Vocal/Instrument Program

For voice or acoustic instrument - guitar, violin, banjo, woodwinds etc. at very low to medium volume.

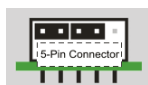Program Code: -24C-27SL:711 | Header 1 | Header 2

Live Address Program

For handheld or podium speaking in church, auditorium, classroom etc. at low to medium volume.
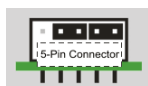
Program Code: -20C-35SL:711 | Header 1 | Header 2

Acoustic Piano Program

For an upright piano or a grand piano used for solo or accompaniment at low to medium volume.
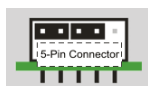
Program Code: -12C-27SL:711 | Header 1 | Header 2

Brass Ensemble or Soloist Program

For 2 or 3 brass instruments or a soloist at low to medium volume.

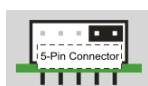Program Code: -20C-27SL:711 | Header 1 | Header 2

Drum Set Overhead or Percussion Program

For drum set overhead or misc. percussion instruments at medium to high.
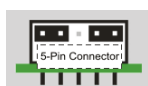
Program Code: -8C-27SL:711 | Header 1 | Header 2

Podium or Lectern Program

For handheld or podium speaking in church, auditorium, classroom etc. at very low to medium volume.
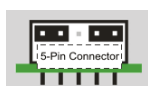
Program Code: -24C-26SL:711 | Header 1 | Header 2

Repertory Theater Program

For theater actors or stage overhead at very low to medium volume.

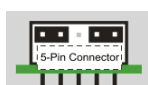Program Code: -24C-55SL:711 | Header 1 | Header 2

String Ensemble/Wind Ensemble or Soloist Program

For 2 or 3 string/wind instruments or a soloist at very low to medium volume.

Program Code: -24C-35SL:711 | Header 1 | Header 2

Create a Custom Program

The Lampifier processor inside each microphone has a dynamic range compressor and a noise gate. The compressor is like an automatic volume control that turns up the volume for quiet sounds and turns down the volume for loud sounds. The noise gate is also like an automatic volume control that turns off the volume when the sound source is quiet below a threshold point. You can change the noise gate threshold as shown in the table below.
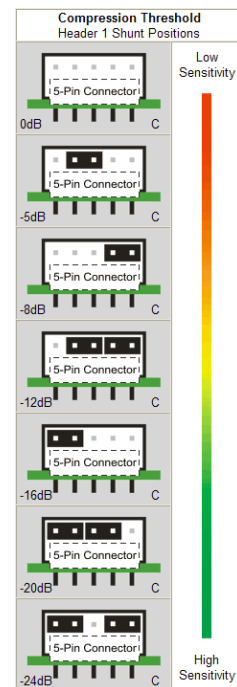
Lampifier microphones are pre-programmed and ready to use but results may be improved by changing the program. To change the program, partially disassemble the microphone and move shunts which are located on headers inside the microphone handle. Disassembly instructions are located online. Please visit our webpage at this address http://www.lampifier.com/program.

The webpage has a free **Online Programming Tool** that helps you select and adjust programs. The tool shows where the shunts are installed for each program. If you are already familiar with the tool and disassembly, use these tables to tailor the program to your unique requirement or application.

Please use caution. Re-programming can radically alter your microphone. Always bring up your sound system volume slowly after a change.

To increase your microphone's sensitivity to sound, decrease the compression threshold as shown in the right table. Be careful. Too high sensitivity can cause feedback. At the other extreme, a compression threshold of 0dB provides little or no compression (lower sensitivity to sound).

If the microphone seems to be "cutting out", decrease the noise gate threshold and use the slow release option. Setting the threshold to −55dB disables the noise gate feature.

Compression Threshold
Header 1 Shunt Positions

Low Sensitivity
0dB C
-5dB C
-8dB C
-12dB C
-16dB C
-20dB C
-24dB C
High Sensitivity

Use this table to program the compressor inside your Lampifier microphone.

Noise Gate Threshold
Header 2 Shunt Positions

Slow Release High Output	Slow Release Low Output	Fast Release High Output	Fast Release Low Output	
-5dB SH	-5dB SL	0dB FH	0dB FL	Most Gating
-9dB SH	-9dB SL	-4dB FH	-4dB FL	
-14dB SH	-14dB SL	-9dB FH	-9dB FL	
-15dB SH	-15dB SL	-10dB FH	-10dB FL	
-16dB SH	-16dB SL	-11dB FH	-11dB FL	
-17dB SH	-17dB SL	-12dB FH	-12dB FL	
-25dB SH	-25dB SL	-20dB FH	-20dB FL	
-26dB SH	-26dB SL	-21dB FH	-21dB FL	
-27dB SH	-27dB SL	-22dB FH	-22dB FL	
-35dB SH	-35dB SL	-30dB FH	-30dB FL	
-55dB SH	-55dB SL	-50dB FH	-50dB FL	Least Gating

Use this table to program the noise gate inside your Lampifier microphone.