

TECHNICAL NOTE

PRODUCTS SUPPORTED:
CONVERGE® Pro 880TA and CONVERGE SR1212A

CLEARONE DOCUMENT NTS-0014-001
(REVISION 1.0) March, 2013

AMPLIFIER CHANNEL SETTINGS WHEN IN 70/100V MODE

OVERVIEW

This document describes the amplifier channel settings needed on the CONVERGE Pro 880TA and CONVERGE SR1212A when used in 70/100V mode.

LIMITER SETTING

On CONVERGE Pro 880TA and CONVERGE SR1212A units using firmware versions 2.0.x.x and 3.0.x.x and on amplifier channels set to 70/100V operation, high signal levels may cause a loss of audio. The **Limiter** on the amplifier channels which are set to 70/100V operation can be used to prevent this loss of audio. To do this, the **Limiter** must be enabled and the **Threshold/Max Level** set to 19 dB.

Note: This setting is made automatically in firmware versions 4.0.x.x and greater.

To set the **Limiter** on an amplifier channel, select the channel from CONVERGE Console that is to be used in 70/100V mode, and then click on the **Limiter** button. (Figure 1.)

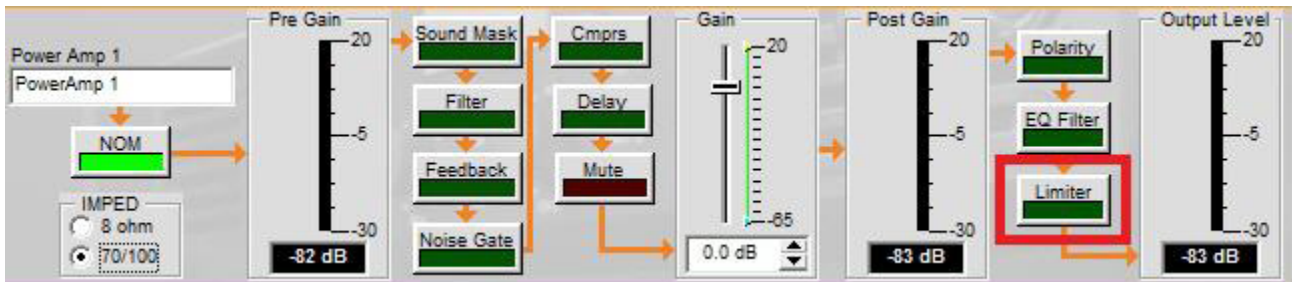


Figure 1.

When the **Limiter** button is clicked, the **Channel Properties Configuration** screen is opened with the **Limiter Tab** selected. Enable the **Limiter** by clicking on the **Enable Limiter** check box. Set the **Threshold/Max Level** slider to 19 dB. (Figure 2.)

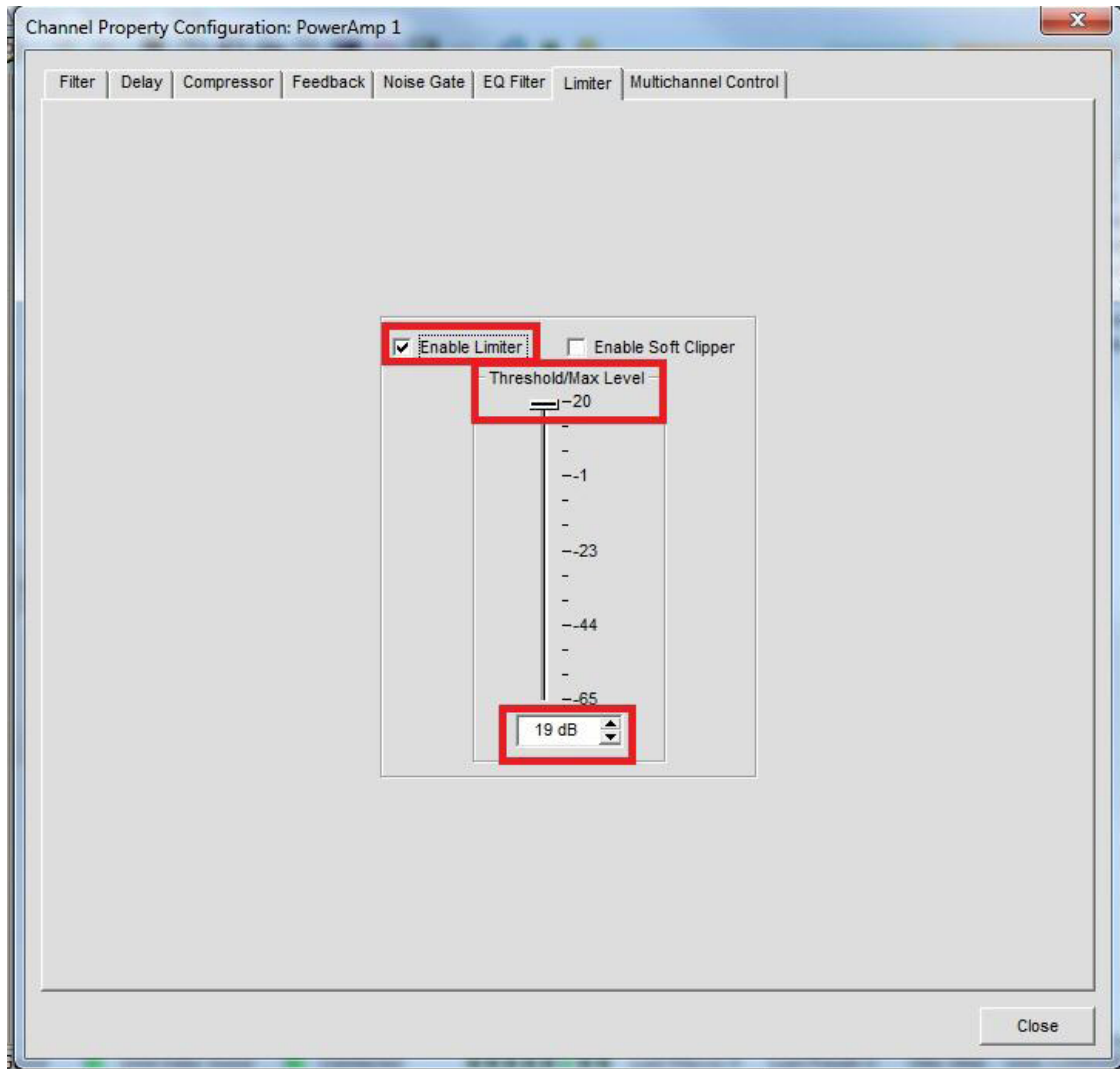


Figure 2.

Repeat this process for all amplifier channels that are set to run in 70/100V mode. If further assistance is needed, please contact ClearOne Technical support at 1-800-283-5936 or e-mail tech.support@clearone.com.

HEADQUARTERS:

Salt Lake City, UT USA
5225 Wiley Post Way
Suite 500
Salt Lake City, UT 84116

Tel: 801.975.7200
Toll Free: 800.945.7730
Fax: 801.977.0087
E-mail: sales@clearone.com

EMEA
Tel: 44 (0) 1189.036.053
E-mail: global@clearone.com

APAC
Tel: +011.852.3590.4526
E-mail: global@clearone.com

LATAM
Tel: 801.974.3621
E-mail: global@clearone.com

TechSales
Tel: 800.705.2103
E-mail: techsales@clearone.com

Technical Support
Tel: 800.283.5936
E-mail: tech.support@clearone.com