



Author:	Timo Crone
Company:	tci Gesellschaft für technische Informatik mbH
Last Update:	21th May 2012

Subject:	Contatto application notes for Behnke/Baudisch
Description:	This document contains some hints for the configuration of the Baudisch and Behnke door phones. It is not a complete description! For detailed information please take a look in the manufacturer's documentation.

Hints for adjusting the echo suppressor

To avoid echo's during a conversation, it is important to adjust the echo suppressor in the right way. You can make adjustments to the echo suppressor at the menu point "Hardware settings → Audio". The following parameters are essential for adjusting the echo suppressor:

- Precedence speaking threshold for "Remote station speaking": This parameter adjusts the sensitivity of the echo suppressor. A higher setting means that you have to speak louder for the echo suppressor to take effect. If the setting is too high, in proportion to the loudness of the speaker, the echo suppressor could not switch in the correct way which can result in echo's during a conversation. The recommended setting for quiet environments is 5-10%.
- Remote station speaking: Microphone level → Recommended setting 0%
- Precedence switching time for "Remote station speaking": Sets the minimal switching time for "Remote station speaking". If this value is too low, the door phone could switch too often between "speaking" and "listening". This can lead to unclear conversation. The recommended setting is 800-1000 ms.

The values above are only recommendations! In practice you have to adjust these values according to your environment!