

# Welltech Product Release Note

Date: Jul-04-2007

<b>Division:</b>		<b>Releaser:</b>	Joe Lai	
<b>Model Name:</b>	ATA-171/172/171P/171M	<b>Object:</b>	<input type="checkbox"/> H.W.	<input checked="" type="checkbox"/> S.W.
<b>Subject:</b>	Release firmware for ATA-171/172/171P/171M: s1_104.rom, s2_104.rom, p_104.rom, m_101.rom			
<b>Release contents</b>				
<b>Bug Fixed</b>				
<ol style="list-style-type: none"><li>1. Fixed the limit of DNS queries when there is no response from the DNS server. When sending DNS queries, if there is no response from the DNS server after 6 tries each for DNS 1 and 2, then the device will retry the DNS queries, the retry period is 2 minutes and the retry times is 3 tries each for DNS 1 and 2. This action will be performed periodically in every 2 minutes.</li><li>2. Fixed re-registration failure after a network outage when the Outbound proxy field in the SIP settings=&gt;Service domain web page is filled with a value.</li><li>3. Fixed Caller ID being disabled when enabling polarity reversal in the web configuration menu.</li><li>4. Fixed ATA-171M FXO unable to send busy tone when the FXS port of the ATA is engaged in a phone call conversation and the call waiting option is disabled.</li><li>5. Fixed the encryption function for SIP and RTP packets. This option is now usable in the web configuration menu.</li><li>6. Fixed auto answer function for ATA171M, when enabling auto answer function along with PIN code feature, some devices calling the ATA171M will crash after the entering the PIN code.</li><li>7. Fixed QoS feature, when the device detects voice and data at the same time under low network speed environment, it will process the voice first.</li></ol>				
<b>Feature and Function Added</b>				
<ol style="list-style-type: none"><li>1. Added new option "Management from WAN" in Others=&gt;Advanced Settings web page, allows the ATA the ability to restrict users to connect to the WAN for management.</li></ol>				
<b>Configuration Item Changed</b>				
<ol style="list-style-type: none"><li>1. Removed NAT VLAN from VLAN Settings, due to the CPU processing power of the ATA17x is not enough to support this feature.</li></ol>				
<b>Application Block Diagram</b>				
<b>Hyperlink</b>				
WELLTECH WEB Site: <a href="http://www.welltech.com">http://www.welltech.com</a> Firmware Download: <a href="http://www.welltech.com/support/ata171_172.htm">http://www.welltech.com/support/ata171_172.htm</a> User Manual: <a href="http://www.welltech.com/support/voip2/SIP%20series/FXS%20series/ATA17X/ATA-171-172-171P_171M_User_Guide_19.PDF">http://www.welltech.com/support/voip2/SIP%20series/FXS%20series/ATA17X/ATA-171-172-171P_171M_User_Guide_19.PDF</a>				
<b>Note</b>				
<ol style="list-style-type: none"><li>1. Bugs that will be fixed in the next version</li></ol>				

- **ATA172 – Under peer to peer mode, calls made from phone 1 to phone 2 (FXS port 1 – FXS port 2) will cause the device to crash.**
- **When making a phone call using the ATA, if the other end does not answer and the original caller hang up the phone, the other end will continue ringing. The reason for this is that the SIP Cancel packet sent by the original caller (ATA) contains a tag value in the To header field, this will cause some server unable to process the CANCEL packet correctly.**
- **When calling to the ATA, if another third party calls the ATA at the same time while the first original call is still ringing, the ATA does not send 486 Busy signal to the third calling party. As a result, the third party will hear Ring Back Tone (RBT) and the ATA does not know about this.**