

FX-300 Analog Call Director

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1. Is this a voip gateway or analog terminal adaptor? FX-300 is not a gateway or analog terminal adaptor. It is an accessory device that connects to a VOIP gateway or analog terminal adaptor such as the Cisco ATA for purposes of enhancing your VOIP service. **As an Analog Bridge the FX-300 Analog Call Director** interconnects your voip customer premise equipment with a landline (analog) line in your home or office to enable the use of your voip service from your mobile phone. Thus, through your landline, you can now both make voip calls from your cell phone and have your voip calls forwarded to your cell phone when you are out of the home or office.

2. Is the FX-300 SIP compatible? The FX-300 is protocol neutral. It does not interact with the gateway’s voip protocol.

3. What devices will the FX-300 work with? Presently, the FX-300 has been tested and works with the following ATA/Gateways: Cisco ATA 186, Grandstream ATA 286, Packet8 DTA 310, Sipura SPA-300. The FX-300 should work fine with any device or service which provides a “busy tone” for disconnect purposes.

4. Will the FX-300 affect the voice quality of my gateway or analog terminal adaptor? No. The FX-300 will not affect the voice quality of your gateway or analog terminal adaptor. The FX-300 has both auto volume adjustment and echo cancellation.

5. So why do I need the FX-300? Most of the voip customer premise equipment (Cisco ATA 186, Grandstream ATA 286, Sipura SPA-2000, Motorola ATA, etc) sold or provided for free by the various and numerous voip service providers such as Vonage, AT&T, Time Warner, Packet8, etc do not provide any interconnect to the traditional cellular or landline networks. Thus, users must use a separate handset to make and receive voip calls and more, importantly, they are restricted to using the voip service when at home or in the office.

6. What is “Transit In” function? “Transit In” function- Enables you to access the ATA/Gateway and your VOIP service from outside your home or office. Simply call the number of the telephone line connected to the FX-300 from an outside line or from your cell phone. Callers to the telephone line connected to FX-300 receive dial tone from the ATA/Gateway and are able to remotely operate the ATA/Gateway in the same way they would as if connected directly to the ATA/Gateway with a normal handset. Thus once the caller hears the dial tone from the ATA/Gateway they can make a call through the ATA/Gateway. This is commonly referred to as Transit In function with Two Stage Dialing.

Alternatively, you can program the FX-300 to dial a VOIP number automatically whenever you call the local pstn number. This is commonly referred to as Transit In function with Auto Call Forwarding.

For example, if you are using the Vonage, ICH, Packet8 SipPhone or FWD service with your ATA/Gateway, and you have installed your ATA/Gateway in Hong Kong and connected the FX-300 to it and to a local telephone line in Hong Kong you can then set the FX-300 to Auto Call Forward all calls to your local Hong Kong pstn number to any VOIP number you are permitted to call with your VOIP service.

7. What is “Transit Out” function? “TRANSIT OUT” function- Allows you to receive calls from your VOIP service when you are out of your home or office by “transferring” your VOIP calls to your cellular phone, or other local telephone number via the FX-300’s two stage dialing or auto call forwarding functions.

Want your Vonage, ICH, FWD, Sipphone or other VOIP callers to be able to reach you when you are out of the home or office? By using an existing telephone line in your home or office the FX-300 can be quickly, easily and even be remotely configured to auto call forward or “transfer” your VOIP calls from your ATA/Gateway to any local telephone number even to your cell phone. VOIP callers will receive local dial tone after a set number of rings. With the FX-300’s Transit Out feature with Auto Call Forwarding missed VOIP calls are a thing of the past.

For example, if you are using the Vonage, ICH, Packet8, Sipphone or FWD service with your ATA/Gateway, and you have installed your ATA/Gateway in Hong Kong and connected the FX-300 to it and to a local telephone line in Hong Kong you can then set the FX-300 to Auto Call Forward all calls (to your Vonage or FWD number) to any local Hong Kong number such as your Hong Kong cell phone number.

8. What voip services will the FX-300 work with? Presently, any VOIP Service that uses the Cisco ATA such as vonage.com iconnecthere.com amerifone.com voicepulse.com t-p-t.net go2call.com fonetglobal.com voicenet.com etc.

Note: Not all networks support the passing of DTMF tones in a way that supports this function. If this is the case with your network you will be limited to using the FX-300 for Transit Out with Auto Call Forwarding.

9. How do I program the FX-300? The Advanced Features & Settings program is stored in the unit's flash ram. You access and set these Advanced Features and Settings by calling into either port (LINE 1 or LINE 2) with a touch tone phone. Each feature has an assigned code and a respective value(s) such as on/off or up to 8 digits for a password. There is an Programming Access Password to restrict access to the Advanced Features and Settings program.

10. If I do not have an analog line how can I use the FX-300? The FX-300 will bridge any two devices (such as two voip devices) you connect to LINE 1 and LINE 2. The only condition for proper function is the devices must issue a "busy tone" on disconnect.

11. My Gateway or ATA does not respond to any DTMF tones? When you place a Transit in call you should hear dial tone from your gateway. When you press any key on your remote phone this dial tone should turn off if the gateway has recognized the DTMF tones. If this does not occur then you will need to confirm/test if the handset you are using is actually sending the DTMF tones.

12. Can I perform the advanced programming from an attached phone? The FX-300 has a built in PHONE port and you can set the advanced features from an attached handset.

13. Does the FX-300 need a separate power supply? Normally, you will not need a separate power supply for the FX-300 since it is designed to share the power supply of your Gateway/ATA. However, if for some reason you need to use a separate power supply you can use a 5v through 20v 1mA power supply.

