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Proposal to Supply a SOLIDYNE D612 Console with audio over IP

I am pleased to provide you the following proposal for a Solidyne model D612/AoIP Digital ON-AIR Console:

The D612/AoIP console



The D612 handles 4 microphones, one line input USB digital, 2 balanced line inputs and 2 telephone hybrids, one line and one cellphone, that can operate in conference.

It has 2 analog stereo outputs (PGM and REC) and a USB digital output. A complete monitoring system with separate outputs for speakers and headphones of Studio and Control that includes logic output muting and tally light. The D612 connects a wireless cellphone with Bluetooth link. Any cellphone is connected in seconds and can be used up to ten meters away.

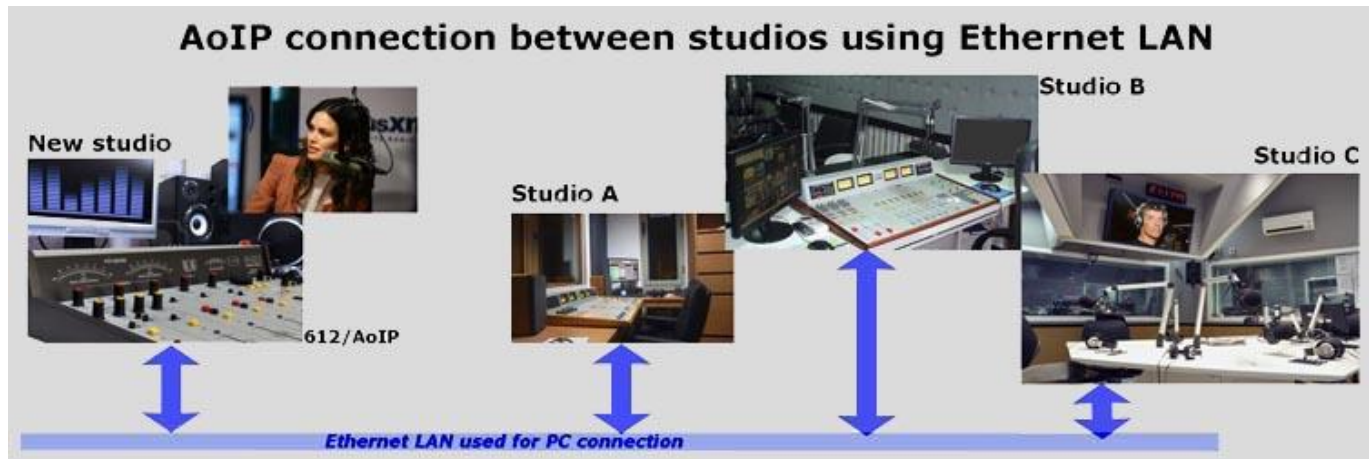
The microphones have excellent 4-band equalizer and audio compression.

The USB digital input / output of the D612 will eliminate the PC audio cards and the noise and distortion often associated with their connection.

The D612 offers AoIP option that allows the console connection via Ethernet LAN with one or more studios. It also allows connecting via Internet to the FM transmitter plant for a full IP connection.

The D612 has professional 100mm faders, of conductive ceramic technology, with 15-year duration and has a generous 5-year warranty.

Connection between studios in model D612/AoIP



D 612 features advanced internal phone hybrids

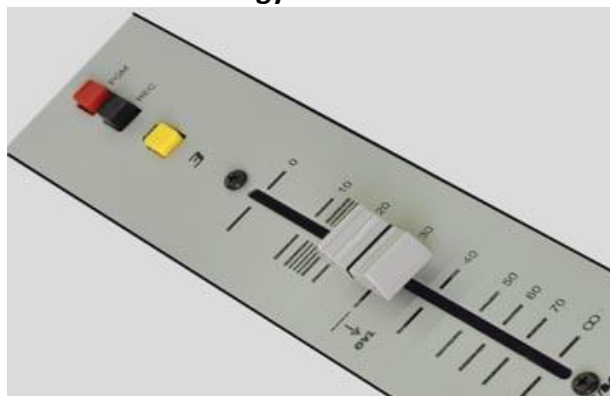


Tech Features

- 8 channels, with 5 faders with connectors
- 12 stereo inputs:
 - 4 dynamic or two condenser 48V phantom microphones
 - 2 LIN balanced (DIN 5),
 - 3 LIN unbalanced (RCA),
 - 1 digital input USB,
 - 2 Hybrid telephone (RJ11 & Bluetooth),
 - 1 Monitor Air (Jack 6.35 mm)
- 4 outputs stereo:
 - a) Digital: A digital stereo USB output, selectable PGM or REC
 - b) Analogue: Program (PGM) balanced & Recordings (REC) unbalanced External Hybrid (In / Out).
- 5 Monitor Stereo Outputs, with muting logic; Speakers Studio, Studio Headphones (with Distributor Amplifier), Control Speakers, Headphones Control, CUE mono (with amplifier and internal speaker).
- 4 Band EQ Mic
- Microphone Audio Compressor
- Low Silhouette, flush mounting on any table without cutting it
- Hybrid with Bluetooth wireless cellphone
- Professional Attenuators 100mm Conductive Ceramic 15-year life
- Option AoIP to transmit digital audio over Ethernet / Internet
- External switching power supply: 90-240 V // 50 / 60 Hz Output: 28 V 0,55 A

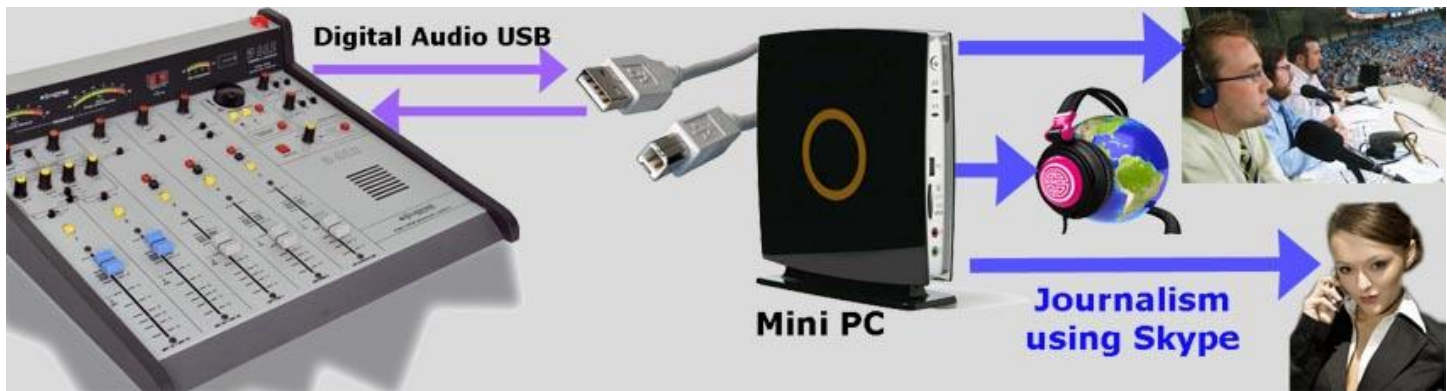


ETM-VCA technology



Unlike other consoles, the D612 uses ETM-VCA: indirect control on all audio channels. The faders do not handle audio, only control a DC current which in turn commands a variable gain stereo amplifier. The use of conductive ceramic faders, along with this technology, allow their attenuators more than 15 years of use and totally eliminates noise

Digital USB in/out



Studio Box



Features:

- Five headphones with individual control level
- 12 hour clock which becomes the timer when microphones are switched to 'on-air'
- On-air light
- Talkback reverse- which allows the announcers to speak with the control area

OPTIONS

Headset: HMD 280 Pro

- <http://www.wirelesscomponents.com.au/headphones/hmd-280-pro-detail>
- High quality headphones and microphone in a single unit
- Designed for communications in high noise environments

VQR: Telephone Hybrid with VQR

- <http://www.wirelesscomponents.com.au/telephone-hybrids-and-talkshow-systems/hl203-hybrid-with-voice-quality-restoration-detail>
- Restore the signal lost in telephone calls to maintain near studio quality audio, with processing in real time
- Supports up to 3 phone lines, and can be daisy chained to support up to 7

Phoenix Mercury

- <http://www.wirelesscomponents.com.au/codecs/phoenix-mercury-detail>
- Full duplex, stereo IP codec in a half RU unit
- Remote control with Phoenix control software on PC

Power Beam 5GHz Microwave Link + cable kit

- <http://www.wirelesscomponents.com.au/microwave-links-2013-07-18/nanobridge-m-detail>
- Unlicensed microwave STL solution
- Very cost effective
- 100m outdoor Ethernet cable with UBNT ToughCable Connectors

PROPOSAL

D612/AoIP Digital Console

8 channel, Digital Console, On-Air & Production; 4 MIC, 3 LIN, 2 Hybrids (one for cellular wireless using Bluetooth), 4 digital channels, using direct USB connection to PC Separate outs for Air & Recording. Two Vu metres, Four bands MIC EQ with audio compressor. 3 x separate muted monitoring outs. Full VCA with professional 100mm conductive ceramic faders, 2 millions cycle life. CUE speaker into the console. Ethernet output for AoIP use, plus Tally Light output 12V, Full Talkback facilities for telephone & Studio. Switching power 90 – 240 V

PRICE

NOTES

Prices are EX GST

Delivery from order is 5 weeks

Payment is requited on order

Please be aware quote based on exchange rate for United States - Dollars (USD) , variations may apply.

Regards

Shane Pritchard