2600 Smart Console

The new generation of top-quality audio consoles
Stand Alone or AoIP control surface

Advanced On Air mixers for Radio & TV sound

2600XZ mod.

2600XL mod.

2600XD mod.

For the fist time a console designed for the efficient control of Audio & Communications
Digital audio, microphones with internal MIC-processors and communications by phone, cellular, Vox IP, Skype
All from the front panel!

2600 Smart Console

- Contemporary Design with the lowest profile in the market
- Illuminated buttons with 20 million operations
- Solid-state Audio Routing without mechanical contacts
- User programmable from the front panel
- Ultra soft touch ceramic faders with 20-year life
- Stereo Phase Vector and Timer-Clock are standard in all models
- VU meters under CPU control; 24/32 steps, RMS & Peak
- Multiple Mix-Minus for Skype / IP Vox / Phone lines
- CUE programmable multimode
- Switching power supply multi-voltage, stabilized
- AoIP option for STL link through Internet or microwave link
- Virtual2600 option, for remote control of console from PC/tablet/smartphone

It can be installed stand-alone in studios using the existing wiring. But at the future when you will build new studios you can switch to AoIP mode using the 2600 as a surface control console.

Only Solidyne can offer you this flexible technology that allows increasing investment in your station only when required.

An exceptional handling of telephone calls, cellphones, Skype and Vox IP

Phone call rings at the console speaker with flashing blue light. It can be attended from the console panel. The console also allows the use of telephone sets to manage the communications from the Production people or by the operators.

The entire 2600 line features standard three telephone hybrids; two land lines and one cellphone, working in conference. The VCA fader controls the air level and switching logic. An error-free system

HIGHEST QUALITY CONSTRUCTION BACKED WITH A 5 YEAR WARRANTY

Solidyne offers his invention: Voice Quality Restoration (VQR). Optional module 2630 restores the bass and treble sound lost from mobile phone communications, with no delay! This remarkable technology will completely change the quality of sound your listeners hear during phone interviews.

Learn more about the VQR and listen audio demos
www.solidynePRO.com

A complete turret with **4 Dual VUmeters**, **Timer**, **Clock** and **Phase Vector** to know the degree of deepness of stereo sound.

The **VUmeters** have 3 internal micro-computers to get the accurate measuring of the audio signal in **1 dB** steps.

Solidyne offers a wide variety of modules allowing customer specific configurations at no extra costs.

Microphone audio quality is the heart of your radio. New preamps with innovative design have the lowest noise & distortion that you can find.

Microphone Processors at 2612 module. **Four band** equalizer designed for human voice. **GATE system, Audio Compressor** and **PotPan.**

USB digital inputs and outputs are the perfect solution for connecting several PCs. The **USB control** is integrated into the **module 2602**, including **mini-VU.**

SOLIDYNE
DIGITAL POWER

Advanced
On Air mixers
for Radio &
TV sound

2600 Solution

Multiple simultaneous external connections

Because the 2602 input modules allow remote control of the DH400 digital hybrid with DSP echo cancellation.
Each channel generates its own Mix-Minus output. In this way we will have so many Mix-Minus channels as lines we have. In 2600 there are no limits! All communications are handled from the console.
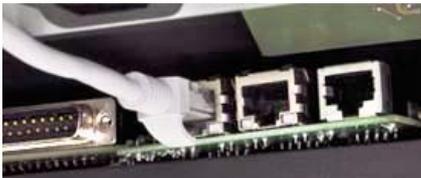

The Virtual 2600 Micro-computer

The Virtual 2600 technology can be added to all 2600 models.
The internal computer (option code /VI) can be connected to the LAN and acts as a Web page server. In this way the console can be controlled remotely from other studios using networked PCs to the station or by WiFi Tablets or SmartPhone. Enabling remote studios to control and operate the 2600 desk via PC or tablet, and allow an announcer to operate the desk remotely from home or an outside Broadcast site.
Nobody has offered you these benefits before!

See the video trailer

Installation and technical features
Models XD, XX, XZ y XL

The audio console model 2600 can be mounted at any table without having to cut it due it is very flat because it was built with high-tech components that allow the use of printed circuits parallel to the panel. The conductive ceramic attenuators of 20 years of life have also very small depth.

The leyends are impossible to be erased.
Printing on each module is protected by a polycarbonate coating, ensuring a durable and clean surface .

- The 2600 will always look new, after years of use, as its steel panels coated by polycarbonate never will wear by use.

All 2600 consoles comes with a switching power supply 90 -240 V 50/60 Hz manufactured with CE certification and UL, TUV, IEC, CB.
These reliable sources also will stabilize the line voltage eliminating the need for external stabilizers.

The models 2600XD/VI include also **the Virtual2600 option**

An invention by Solidyne effectively offering multiple studios from the mixing desk, dramatically lowering capital investment.

Open new studies without purchasing more consoles

The 2600 XD lets you trim down your costs

Connect with transmission plant at low cost using the best DIGITAL STL link ... without buying the STL link

Consoles with **/AoIP option** provides a digital output via Ethernet or microwave link. So can connect to the transmission plant using a low cost internet link at the **5.8 GHz** free band. With an inaudible delay.

Can be programmed to send **AoIP** in **MP3** coding in order to use Internet for linking with transmitter plant and with other radio stations.

If using at transmitter plant one digital processor with **RDS** option and **AoIP** input, you do not need a digital **STL link.** Please note that audio quality is 100% digital because between the console and the MPX output, there is not any **AD** or **DA** converter.

We can control all audio processor settings using a PC located at the studio. The **RDS information** from the automation software is sent at the same time to the transmitter plant to manage the on air **RDS messages**.

The console informs to the processor (trough **GPIO** data channel) when the microphones are On-Air in order to change the processing program towards mode "human voice" This feature, that only **Solidyne** gives you, improves the warmth and sound quality of the voices of your announcers. **A key advantage over your on-air competition!**

● *Share all the audio of your radio or TV station.*
● *Share your announcers studio.*
● *Share Newsroom, Commercials and Sports.*

Sharing resources lowers the investment and operating costs.

● Your radio or TV station can record commercials and promos without moving the announcers from the main studio.

● The recording of telephone interviews can be done in a small booth using **VQR** to improve the audio quality. You can use the recording later or in real time.

● Reports can be recorded from the **Newsroom**, or can go to-air in real time, in conference with the program host. All without leaving the newsroom.

● The **DJ** can have your own studio and go on air while operates the console. Or even from his home it can manage his music program.

● A journalist can log in remotely from a smart phone and from there can operate one attenuator of the console. Nothing is impossible for the **2600**.

△ *See technical specs, images and videos*
www.solidynePRO.com