SX2 BUNDLE

XS3 CORE and Multi I/O
52-7500 + 52-1340

The 10-fader SX2 bundles include a 52-7500 XS3 Core. With 8 APC ports to connect I/O boxes and control modules, a vast number of combinations are available. Also included is the 52-1340 Multi-I/O-Box which you can mount next to each other underneath your desk or into a rack, occupying only 1 U. All the necessary I/O are provided by this combination. Microphones, headphones, line and AES3 signals can be connected. A multichannel USB audio port for up to 16 channels and an additional stereo USB audio port can also be used.

The built-in 4-channel Dante interface opens up the possibility for monitoring applications and talkback to another studio via your IP network. An optional 16-channel AES67 interface can be activated by a license to integrate your SX2 to an AES67/Ravenna real-time audio network.

You can expand your bundle to 16 faders and still connect 5 I/O modules, a Dante or AES67 interface and MADI. Our wide range of I/O options allows you to build your mixer exactly according to your specific studio requirements. With the 52-1950 Extended Feature Upgrade license, you can use the Toolbox configuration software for even more detailed adjustments of audio signal flows or the touchscreen user interface.

FEATURES

- Rock-solid tabletop units for 24/7 use
- 10.1 inch multitouch displays (Unicode support)
- 100 mm motorised faders, dust-protected
- Individual potentiometers for headphones and loudspeakers
- Built-in talkback mic, cue speaker and rear-panel I/O
- Ambient-light sensor
- powered GPOs for m!ka Arm LEDs

REMOTE ACCESS

Use the optional Assist App (52-8512) to control your SX2 with a 1:1 copy directly from any browser, fully protected Transport Layer Security (TLS).

SX2 10 FADER BUNDLE
52-1960

CONTROL UNITS WITH
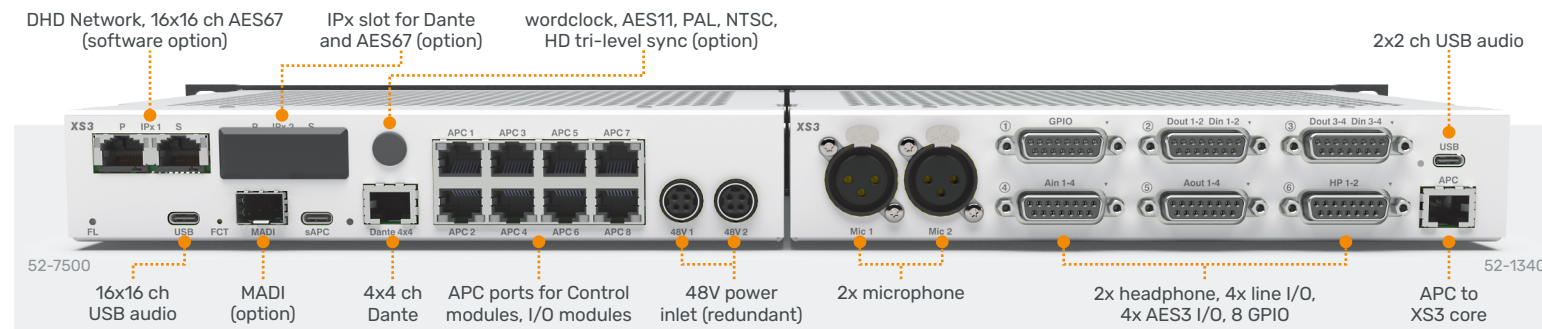10 MOTOR FADERS,
10.1" TOUCHSCREENS
(52-5614, 52-5620)

19" RACK UNIT (1 U)
XS3 CORE (52-7500)
+ Multi I/O Box (52-1340A)

48 V POWER SUPPLY (52-7498)

When ordering a bundle, you will benefit from a very attractive package price.

An SX2 Bundle contains the complete hardware for a 10 fader mixing console with 2 layers for broadcast applications.

An SX2 Bundle with a 64 x 64 channel Dante interface is also available (52-1961).

SX2 – THE COMPACT MIXER

DHD.audio
DIGITAL BROADCAST TECHNOLOGY

DHD-AUDIO.COM

DHD Network, 16x16 ch AES67 (software option)
IPx slot for Dante and AES67 (option)
wordclock, AES11, PAL, NTSC, HD tri-level sync (option)
2x2 ch USB audio

52-7500
16x16 ch USB audio
MADI (option)
4x4 ch Dante
APC ports for Control modules, I/O modules
48V power inlet (redundant)
2x microphone
2x headphone, 4x line I/O, 4x AES3 I/O, 8 GPIO
APC to XS3 core
52-1340

52-5614

SMART MODULES
FOR ALL APPLICATIONS

The SX2 is a modular mixing console for radio and other broadcast applications. Price optimised, it is ideal for on-air studios, audio workstations and smaller OB vans.

SX2 console sizes are adaptable and range from 4 to 16 faders. The central module (52-5614) has four faders and a section for monitoring, talkback and central controls. The fader modules (52-5620) feature 6 faders. All faders are motorised and allow a second layer for up to 20 channels.

Both module types feature a 10.1-inch multi-touch display for faders and central control. All SX2 units are separate tabletop devices and can be chained for a single mixing desk.

The central control module provides the most important audio I/Os. A microphone input and a headphone output are included and you can also connect your loudspeakers directly to this unit, reducing rack space and cabling.

The SX2 is based on the same Series 52 firmware as the TX2 or RX2 consoles. Configuration is done with the SX2Config software, a simplified version of Toolbox.

SX2 features can be extended simply by adding optional license codes to the DSP core. This allows extra faders, busses and clean feeds. It also supports functions like loudness metering, profanity delay, talkback to other DHD mixers and our browser-based Views and Assist App.

HIGH-PERFORMANCE 40-BIT FLOATING-POINT DSP FOR:

- 20 channels, mono or stereo, each with 3-band EQ (fully parametric), subsonic filter, dynamics, limiter
- 11 stereo PGM busses, Aux busses, clean feeds and PFL
- 6 clean feeds (mix-minus, mono or stereo)
- 4 monitoring busses for control room and studio
- Integrated routing matrix
- Internal tone generator

All modules are available for tabletop or flush-mounted installation. SX2 Bundles are tabletop only.

Each fader module comes with a chaining kit for optional physical connection of modules.

The SX2 modules are designed for easy maintenance and low power consumption (25 W maximum per module).

FADER MODULE
52-5620

TOUCH CONTROLS FOR EACH CHANNEL
- channel name, UTF8-supported
- PGM and off-air selection
- channel input meter
- gain settings

FLEXIBLE FADER ENCODERS
- function according to TFT content
- control of gain settings

PROFESSIONAL HIGH-GRADE 100 MM MOTORFADERS, WITH DUST PROTECTION

FLEXIBLE PUSHBUTTONS IN EACH CHANNEL
- silent, multicolour (RGB)
- channel-specific button functions (such as ON, OFF, PFL, ACCESS, LAYER or TALK)
- buttons below fader have a label area for clear function naming

CENTRAL MODULE
52-5614

TOUCH CONTROLS FOR CENTRAL FUNCTIONS
- main control
- metering
- EQ and dynamics
- input channel settings
- snapshots

FLEXIBLE CENTRAL ENCODERS
- function according to TFT content
- volume control of guest headphones
- monitor selectors

AMBIENT-LIGHT SENSOR FOR AUTOMATIC CONSOLE BRIGHTNESS CONTROL

PRE-LISTENING & TALKBACK SPEAKER WITH BUILT-IN AMP

SILENT, MULTICOLOUR (RGB) PUSHBUTTONS
- monitoring section, expanded by touch display selector
- GPIO pushbuttons
- talkback pushbuttons

PROFESSIONAL HIGH-GRADE VOLUME POTENTIOMETERS

TALKBACK MICROPHONE WITH BUILT-IN PREAMP