

<b>Summary Specification</b>	
BIL. SEBUTHARGA/QUOTATION REF.:	<u>UBD/Q/008/2024 (UNIDIGITAL) - [T]</u>
BIL. TAWARAN/TENDER REF. :	_____
TARIKH DIIKLANKAN :	<u>16 April 2024 [Selasa]</u>
TARIKH TUTUP :	<u>30 April 2024 [Selasa]</u> JAM: 2 Petang
DOCUMENT FEE :	B\$ 10.00

**IMPORTANT**

The Official PDF quotation/tender form will be send via email once UBD Official receipt issued and send to vendors/supplier for confirmation of payment received.

**Mode of Payments > REFER IN UBD WEBSITE**

Please take note that the document fee for each of the New and Extended quotations will be BND 10.00 each

**Important Note:** Please ensure that you provide the correct details when making the payment.

Please email proof of the above payment to [helpdesk.epay@ubd.edu.bn](mailto:helpdesk.epay@ubd.edu.bn) , [finance@ubd.edu.bn](mailto:finance@ubd.edu.bn),[eprocurement.support@ubd.edu.bn](mailto:eprocurement.support@ubd.edu.bn).

TITLE :		<u>TO SUPPLY, DELIVER, INSTALL, AND TEST RACK MOUNTABLE DIGITAL MIXER COMPATIBLE WITH EXISTING SOUND SYSTEM AT CONFERENCE ROOM, UBD ADMIN BUILDING</u>
No.	Quantity	SPECIFICATIONS
1	1 lot	RACK MOUNTABLE DIGITAL MIXER COMPATIBLE WITH EXISTING SOUND SYSTEM <u>Specifications: -</u> Refer the attachment for full spec.

## Rack Mountable Digital Mixer Specs

- 16 Mic/Line + 1 Stereo Line Input, 16-Output. Intuitive and Smooth All-in-One Rack-Style Digital Mixer
- Scene Memory that Stores Mix Settings for Instant Recall
- 1-Knob COMP & 1-Knob EQ
- QuickPro Presets Provide Instant Access to Pro Sound Setups
- A Natural Sound Foundation with Extra Creative Freedom
- Recallable D-Pre Microphone Preamplifiers
- 8 Powerful Processing/Effect Units
- Applications that Work Seamlessly with the Console
  - TF StageMix for Wireless Mixing
    - iPad application that provides wireless control of TF series consoles, allowing remote mixing from audience seating, in front of floor monitors, or any other listening position
    - Designed for similar operation and flow to the console display
    - Can be used as an extension of the console's own interface
  - Personal Monitoring with MonitorMix
    - Allows individual wireless AUX mixing from up to 10 iPhone, iPad or iPod touch devices simultaneously
    - Each performer can have convenient control over the AUX buses assigned to them, without having to deal with complex settings or parameters
    - Create personal Group settings for even easier adjustment, such as all levels on one fader
- Intuitive User Interface Optimized for Touch Panel Operation
- Versatile Connectivity for a Wide Range of Applications

Mixer	<p>Input Channels: 40 (32 mono + 2 stereo + 2 return)</p> <p>Aux Buses: 20 (8 mono + 6 stereo)</p> <p>Stereo Buses: 1</p> <p>Sub Buses: 1</p> <p>Input Channel Functions: 8 DCA Groups</p>
I/O	<p>Inputs: 16 mic/line (XLR/TRS combo) + 1 stereo line (RCA pin)</p> <p>Outputs: 16 (XLR)</p> <p>Expansion Slots: 1</p>
DSP	8 effects + 10 GEQ
USB	34 x 34 USB audio interface, 2-track recording via USB storage device
Sampling Frequency	48 kHz, internal
Signal Delay	Less than 2.6 ms, Input to Omni Out, Fs=48 kHz

Total Harmonic Distortion	Less than 0.05% 20 Hz - 20 kHz @ +4 dBu into 600 Ohms, Input to Omni Out, input gain = min. (measured with a -18 dB/octave filter @ 80 kHz)
Frequency Response	+0.5, -1.5 dB 20 Hz - 20 kHz, refer to +4 dBu output @ 1 kHz, Input to Omni Out
Dynamic Range	110 dB typ., DA converter, 108 dB typ., Input to Omni Out, input gain = min
Noise	Equivalent Input Noise: -128 dBu typ., input gain = max. (measured with an A-weight filter) Residual Output Noise: -85 dBu, ST master off (measured with an A-weight filter)
Crosstalk	-100 dB (measured with a -30 dB/octave filter @ 22 kHz), adjacent Input/Omni Out channels, input gain = min

Power Requirements

100 - 240 VAC 50/60 Hz

Power Consumption

85 W

Analog Inputs

Input Terminals: Input 1-16, ST In 1,2

Gain: -6 dB / +66 dB (Input 1-16)

Load Impedance: 7.5 kOhms (Input 1-16); 10 kOhms (ST In 1,2)

For Use with Nominal: 50 - 600-Ohm mics or 600-Ohm lines (Input 1-16);  
600-Ohm lines (ST In 1,2)

Sensitivity: -82 dBu (61.6  $\mu$ V), -10 dBu (245 mV) (Input 1-16); -30 dBV (31.6  $\mu$ V) (ST In 1,2)

Nominal: -62 dBu (0.616 mV), +10 dBu (2.45 V) (Input 1-16); -10 dBV (316 mV) (ST In 1,2)

Max. Before Clip: -42 dBu (6.16 mV), +30 dBu (24.5 V) (Input 1-16); +10 dBV (3.16 V) (ST In 1,2)

Connector: Combo Jack (XLR-3-31 type or TRS phone) balanced (Input 1-16); RCA pin jack unbalanced (ST In 1,2)

Analog Outputs	<p>Output Terminals: Omni Out 1-16, Phones  Source Impedance: 75 Ohms (Omni Out 1-16); 100 Ohms (Phones)  For Use with Nominal: 600-Ohm lines (Omni Out 1-16); 40 Ohms (Phones)  GAIN SW: +24 dBu position (default) (Omni Out 1-16)  Nominal Output Level: +4 dBu (1.23 V) (Omni Out 1-16); 3 mW (Phones)  Max. Output Level Before Clip: +24 dBu (12.3 V) (Omni Out 1-16); 75 mW (Phones)  Connector: XLR-3-32 type balanced (Omni Out 1-16); stereo phone jack (TRS) unbalanced (Phones)</p>
Digital Input/Output	<p>Terminals: USB (to Host), iPad  Format: USB  Data length 24-bit (USB to Host)  Audio: 34-ch input / 34-ch output, PCM (USB to Host); Playback: MP3 or WAV file data / Record: WAV file data (iPad)  Connector: USB (B-type) (USB to Host); USB (A-type) (iPad)</p>
Control I/O	<p>Terminals: Network, Foot SW  Format: IEEE802.3 (Network)  Level: 10Base-T/100Base-TX (Network)  Connector: RJ-45 (Network); TS Phone (Foot SW)</p>

Dimensions

18.9 x 5.2 x 16.1" / 48.0 x 13.2 x 40.9 cm

Net Weight

20.3 lb / 9.2 kg