

Yamaha Worldwide Representative Offices

English

For details on the product(s), contact your nearest Yamaha representative or the authorized distributor, found by accessing the 2D barcode below.

Deutsch

Wenden Sie sich für nähere Informationen zu Produkten an eine Yamaha-Vertretung oder einen autorisierten Händler in Ihrer Nähe. Diese finden Sie mithilfe des unten abgebildeten 2D-Strichodes.

Français

Pour obtenir des informations sur le ou les produits, contactez votre représentant ou revendeur agréé Yamaha le plus proche. Vous le trouverez à l'aide du code-barres 2D ci-dessous.

Español

Para ver información detallada sobre el producto, contacte con su representante o distribuidor autorizado Yamaha más cercano. Lo encontrará escaneando el siguiente código de barras 2D.

Italiano

Per dettagli sui prodotti, contattare il rappresentante Yamaha o il distributore autorizzato più vicino, che è possibile trovare tramite il codice a barre 2D in basso.

Português

Para mais informações sobre o(s) produto(s), fale com seu representante da Yamaha mais próximo ou com o distribuidor autorizado acessando o código de barras 2D abaixo.

Русский

Чтобы узнать подробнее о продукте (продуктах), свяжитесь с ближайшим представителем или авторизованным дистрибьютором Yamaha, воспользовавшись двухмерным штрихкодом ниже.

简体中文

如需有关产品的详细信息，请联系距您最近的Yamaha代表或授权经销商，可通过访问下方的2D条形码找到这些代表或经销商的信息。

繁體中文

如需產品的詳細資訊，請聯絡與您距離最近的Yamaha銷售代表或授權經銷商，您可以掃描下方的二維條碼查看相關聯絡資料。

한국어

제품에 대한 자세한 정보는 아래 2D 바코드에 액세스하여 가까운 Yamaha 담당 판매점 또는 공식 대리점에 문의하십시오.



https://manual.yamaha.com/pa/address_list/

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Importer (European Union): Yamaha Music Europe GmbH Siemensstrasse 22-34, 25462 Rellingen, Germany
Importer (United Kingdom): Yamaha Music Europe GmbH (UK) Sherbourne Drive, Tilbrook, Milton Keynes, MK7 8BL, United Kingdom

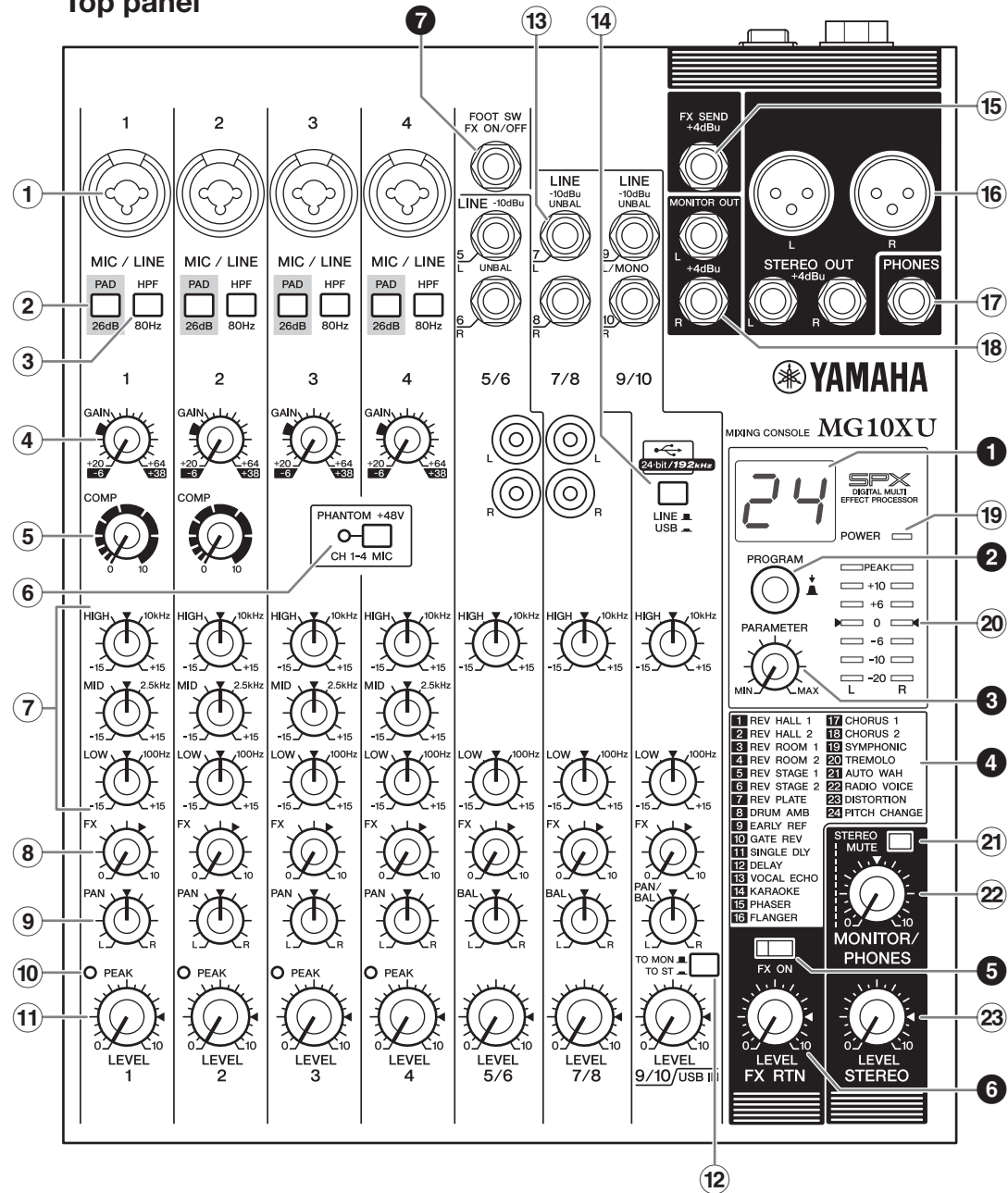
PA61

Top panel Channel section (Input: ① to ⑭)

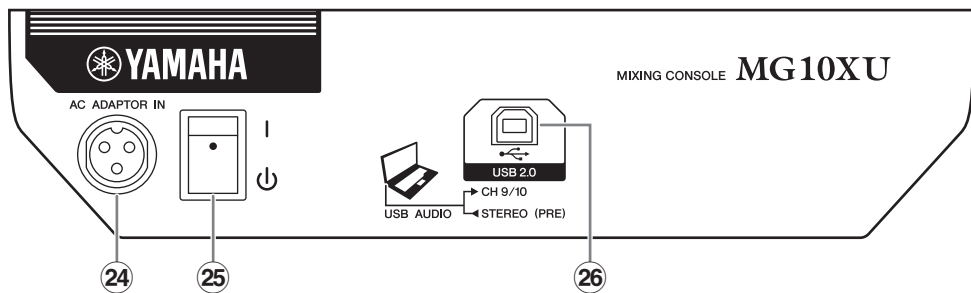
- [MIC/LINE] mono input jacks (channels 1-4)**
For connecting a microphone, instrument, or audio device (CD player, etc.) to the unit. These jacks support both XLR and phone plugs.
- [PAD] switches**
Turning the switch on (▲) will attenuate the sound input to the unit. If you hear distortion or the [PEAK] LED ⑩ lights, turn the switch on (▲).
NOTE Turn the [LEVEL] knob to "0" (minimum) before toggling the [PAD] switch on (▲) and off (■). Otherwise, noise may be produced.
- [HPF] (High-Pass Filter) switches**
Turning the switch on (▲) will apply a high-pass filter that attenuates frequencies below 80 Hz. When speaking into the microphone, you may want to turn this switch on (▲), in order to reduce unwanted vibration and wind sound received by the microphone.
- [GAIN] knobs**
Determines the basic volume for each of the channels 1 to 4. Adjust these so that the corresponding [PEAK] LEDs ⑩ flash briefly when singing or playing the loudest.
- [COMP] knobs**
Adjusts the amount of compression applied to the channel. As the knob is turned to the right, the threshold, the ratio, and the output level are adjusted at the same time.
Threshold: +22 dBu to -8 dBu; Ratio: 1:1 to 4:1; Output level: 0 dB to +7 dB;
Attack time: approx. 25 msec; Release time: approx. 300 msec
- [PHANTOM +48V] switch/LED**
When this switch is on (▲), the LED lights indicating that the unit supplies DC+48 V phantom power to the XLR plugs of the [MIC/LINE] mono input jacks ①. Turn this switch on when using a phantom-powered condenser microphone.
NOTICE
Be sure to leave this switch off (■) if you do not need phantom power. Follow the important precautions below, in order to prevent noise and possible damage to external devices as well as the unit when you operate this switch.
 - Be sure to leave this switch off when connecting a microphone or other device that does not require phantom power to channels 1 to 4.
 - Do not connect/disconnect a cable to/from channels 1 to 4 while this switch is on.
 - Turn the [LEVEL] knobs of channels 1 to 4 to the minimum before operating this switch.
- Equalizer (EQ) knobs**
Adjust the tone by using the [HIGH] (high frequency band), [MID] (middle frequency band), and [LOW] (low frequency band) knobs. If you do not need to adjust the tone, set the knob to the "▼" (flat) position.
- [FX] (effect) knobs MG10XU MG10X**
[AUX] knobs MG10
[FX]: Adjusts the volume sent from each channel to the internal effect and the [FX SEND] jack.
[AUX]: Adjusts the volume sent from each channel to the [AUX SEND] jack.
- [PAN] knobs (channels 1 to 4)**
[BAL] knobs (channels 5/6 and 7/8)
[PAN/BAL] knobs (channels 9/10)
[PAN]: Adjusts the volume balance of each channel sent to the stereo bus, and determines the positioning of the sound image between left and right (stereo L/R). When the knob is located at the 12 o'clock position, the channel's sound will be sent to the stereo bus channels (L and R) at the same volume. In this case, the sound image is positioned at the center.
[BAL]: Determines the volume balance of the stereo channels (5/6 to 9/10) (L/R) sent to the stereo bus. When the knob is located at the 12 o'clock position, the sound of the stereo channels will be sent to the stereo bus channels (L and R) at the same volume respectively.
[PAN/BAL]: Provides both [PAN] and [BAL] functions. You can use this as a [PAN] control when sound is input to the [LINE] (L/MONO) jack, and as a [BAL] control when sound is input to both [LINE] (L) and [LINE] (R) jacks.
- [PEAK]LED**
Lights when the volume of input and/or post-equalizer sound is too high (when reaching 3 dB below clipping). If it is lit frequently, turn the [GAIN] knob ④ to the left to lower the volume.
- [LEVEL] knobs**
For adjusting the volume balance among the channels. Generally, set this to the "◀" position.
- [TO MON ■/TO ST ▲] switch MG10XU MG10X**
For selecting the output destination of the input sound to channels 9/10. Normally set this switch to [TO ST ▲]. When you use the MG10XU with a computer connected to the [USB 2.0] terminal, toggle this switch according to your specific application, referring to the chart in "Rear panel USB section."
- [LINE] stereo input jacks (channels 5/6 to 9/10)**
For connecting line-level devices such as an electric keyboard or an audio device. These jacks support phone plugs and RCA-pin plugs.
NOTE Regarding input to channels 5/6 and 7/8, if both phone and RCA-pin jacks are used at the same time, the phone jack will take priority.
- [LINE ■/USB ▲] switch MG10XU**
Toggles the sound source input to channels 9/10. When the switch is set to [LINE ■], the source will be the [LINE] stereo input jack ⑬, and when set to [USB ▲], the source will be the [USB 2.0] terminal ⑫.

Controls and Functions

Top panel



Rear panel



Rear panel

⚠ Caution

The unit may heat up by as much as 15 to 20°C while the power is on. This is normal. Please note that since the panel temperature may exceed 50°C in ambient temperatures higher than 30°C, you should exercise caution to prevent burns.

⑭ [AC ADAPTOR IN] connector

For connecting the supplied AC power adaptor.

⑮ [⏻/⏻] switch

For turning the power of the unit to standby (⏻) and on (⏻). The [POWER] LED ⑮ on the top panel lights when the switch is set to on (⏻).

NOTE

- Rapidly switching the unit between on and standby in succession can cause it to malfunction. After setting the unit to standby, wait for about six seconds before turning it on again.
- Even when the switch is in the standby (⏻) position, electricity is still flowing to the unit. If you do not plan to use the unit for a while, be sure to unplug the AC power adaptor from the outlet.

Top panel Master section (Input: ⑮ to ⑳)

- [FX SEND] jack : MG10XU MG10X**
[AUX SEND] jack: MG10
For connecting an external effects unit or a monitor system for players. This phone-plug jack outputs the sound adjusted with the [FX] knob or [AUX] knob respectively.
- [STEREO OUT] jacks**
For connecting a powered speaker or powered amp. These jacks support both XLR and phone plugs.
- [PHONES] output jack**
For connecting a set of headphones. This jack supports a stereo phone plug.
- [MONITOR OUT] jacks**
For connecting a monitor system for operators. These jacks support phone plugs.
- [POWER] LED**
Lights when the [⏻/⏻] switch on the rear panel is set to on (pressed to the [⏻] position).
- Level meter**
The L and R meters show the level (volume) of the signal output from the [STEREO OUT] jacks by seven steps; "PEAK" (+17), "+10", "+6", "0", "-6", "-10", and "-20" dB. If the "PEAK" lamp continuously lights in red, turn the [STEREO LEVEL] knob to the left to lower the volume.
- [STEREO MUTE] switch MG10XU MG10X**
Turning the switch on (▲) will mute the sound of stereo bus from the output of [MONITOR OUT] jacks or [PHONES] jack. In this state, when setting the [TO MON ■/TO ST ▲] switch for channels 9/10 to [TO MON ■], you can hear the sound only from channels 9/10. When using the MG10XU, for details about the switch, see the "Rear panel USB section" below.
- [MONITOR/PHONES] knob**
Adjusts the volume output to the [MONITOR OUT] jacks and the [PHONES] jack.
- [STEREO LEVEL] knob**
Adjusts the overall volume output from the [STEREO OUT] jacks.

Top panel Internal effect section (Output: ① to ⑦) MG10XU MG10X

- Display**
Indicates the effect program number selected with the [PROGRAM] knob ②. The number flashes during selection; however, if several seconds pass without a selection being made, the program returns to the last number selected.
- [PROGRAM] knob**
Selects one of the 24 internal effects from 1-24. Turn the knob to select the desired effect program, and then press the knob to actually set it. For instructions on how to apply the effect, see the section "Applying effects" on the reverse side.
NOTE Turning the knob while pressing it down also allows you to simultaneously select and set the effect program (without needing to press the knob finally to set it).
- [PARAMETER] knob**
Adjusts the parameter (depth, speed, etc.) for the selected effect. The last value used with each effect program is saved. For details about the parameter, see the "Effect programs" list on the reverse side.
NOTE When you change to a different effect program, the unit automatically restores the value that was previously used with that program (regardless of the current position of the [PARAMETER] knob). Once you turn the [PARAMETER] knob, the value of current knob position will become valid.
- Effect program list**
This is the list of the internal effect programs. For details about the programs, see the "Effect programs" list on the reverse side.
- [FX ON] switch**
When the switch is turned on (▲), the switch lights indicating the internal effect is active. If you turn off the internal effect with the foot switch when the switch is on (▲), the LED of the switch flashes.
- [FX RTN LEVEL] knob**
Adjusts the volume of the internal effect sound.
- [FOOT SW] jack**
For connecting an optionally available unlatched type footswitch, such as the Yamaha FC5. When the [FX ON] switch ⑤ is turned on (▲), the internal effects can be toggled on/off with the footswitch as needed with your foot. This jack supports a phone plug.

Rear panel USB section MG10XU

- [USB 2.0] terminal**
For connecting to a computer via a commercially available USB 2.0 cable. (This product does not come with a cable.) The sound of the stereo bus is output to the computer. (The [STEREO LEVEL] knob ② does not affect the sound.) For inputs and outputs to/from the computer, you may need a dedicated USB driver. Check and download the driver at the following Yamaha web site and install it to the computer before use.
https://www.yamahaproaudio.com/mg_xu/

■ Using the unit connected to a computer

Set the [LINE ■/USB ▲] switch of channels 9/10 to [USB ▲]. Depending on your particular application, you can specify the output destination and monitoring sound by selecting the settings of the [TO MON ■/TO ST ▲] switch ⑫ for channels 9/10 and the [STEREO MUTE] switch ⑮. For details, see the chart at right.

■ Adjusting the playback volume from a computer (Attenuator)

1. Press the [PROGRAM] knob five times consecutively to display the attenuation value (dB). 2. Turn the [PROGRAM] knob to set it between -24 dB to 0 dB (minus sign is not displayed). 3. Press the [PROGRAM] knob again to exit the setting.
When the attenuator is enabled, the dot lights at the lower right of the display.

Application	Selection of the output destination sent from channels 9/10		Selection of the monitoring sound with the headphones/monitor speaker	
	[TO MON ■/TO ST ▲] switch	Output destination	[STEREO MUTE] switch	Monitoring sound
When recording with DAW software while listening to the playback sound from a computer.	[TO MON ■]*1	[MONITOR OUT] jack*2 [PHONES] jack*2	On (▲) Off (■)	The direct sound (of the instrument) input to the MG10XU will be muted, allowing you to hear the playback sound only from the DAW. (Direct monitoring: Off) You can hear the mixed sound of the direct instrument sound input to the MG10XU and the playback sound from the DAW. (Direct monitoring: On)
When playing back sound from a computer. For example: BGM playback, Internet broadcasting	[TO ST ▲]	Stereo bus → [STEREO OUT] jack	Normally set to Off (■)	You can hear the mixed sound of the instrument sound input to the MG10XU and the playback sound from a computer.

*1 NOTICE If you set the switch to [TO ST ▲] when you use the DAW software, a loop may be produced, possibly resulting in feedback.

*2 The audio signal cannot be sent to the computer because it does not pass through the stereo bus.