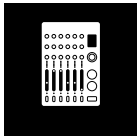


TX-6

field mixer
user guide



TX-6 is an ultra-portable 6 channel stereo mixer, as well as a 12 channel usb audio interface, and the first release in our field system. with more features than first meets the eye, it's a most diverse audio device, in and outside the studio. this guide is written to take you on a tour of TX-6 to discover its functionality. note that updates are constantly made for this product and an up-to-date manual can be found online.

- have a pleasant field trip!

field system

field system began as an idea to create a series of products that function as part of a whole. with aluminium casings and nylon bag accessories; every item is designed with portability, compatibility and durability in mind. as usual, we aim to pack in as much technology into as little space as possible, getting the most out of every device. more than just an engineering challenge, field system is driven by a desire to rethink the way we approach music making.

care

before getting started, make sure to carefully read these instructions. see the section at the end on warnings and warranty for more information. TX-6 is a highly technical and delicate product. make sure to learn how to properly operate, care for and store your device. take your time to register your unit here: teenage.engineering/register

the latest version of this guide: teenage.engineering/guides/tx-6

hardware

made in durable aluminium, with pu synthetic leather backing and custom made knobs and faders. beyond being a mixer, it's also a usb audio interface, has a built-in synthesizer and sequencer, and much more. the main control and navigation centers around the select knob and button, with all functions displayed on the compact oled screen. this guide takes you through the layout, connectivity, various modes and general functions of your TX-6.

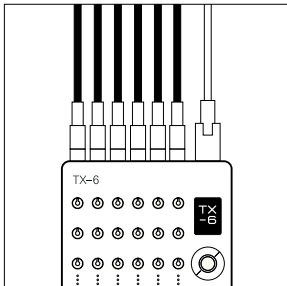
TX-6 highlights:

- ultra-portable pro mixer
- 6 stereo inputs
- 3 stereo outputs (main / cue / aux)
- 32-bit 12-ch usb audio interface
- 3 band equalizer
- low-pass & high-pass filter
- 2 stereo multi-effect units
- compressor
- limiter
- crossfader
- midi over usb-c and bluetooth le
- instrument tuner
- built-in synthesizer with sequencer
- 8 hour rechargeable battery

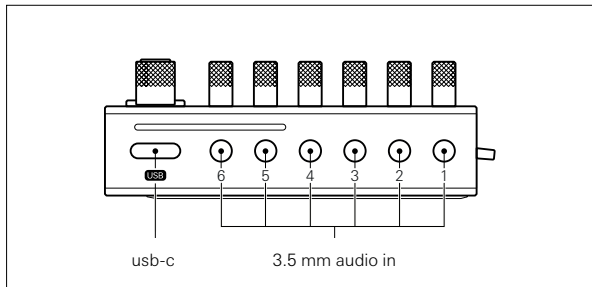
audio in

the audio inputs are located on the top side of the unit. there are six 3.5 mm stereo mini jack input sockets, all of which can be individually configured as mono, stereo or split L+R, in any combination. this means you can easily connect as much as up to 6 stereo sources, or even 12 mono sources, shared across the six physical inputs.

the usb type c port can be used as a multi channel audio interface, as well as for midi control, firmware updates and charging.



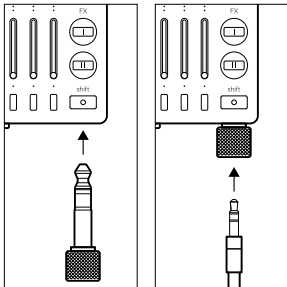
inputs



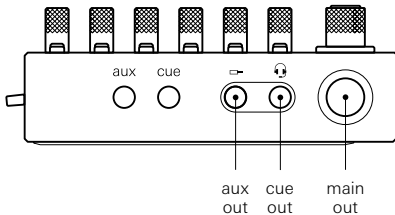
audio out

the audio outputs are located on the bottom side of the unit. there are three sockets consisting of one 3.5 mm stereo mini jack for aux out, another 3.5 mm headset and mic mini jack for cue out, and one 6.35 mm stereo jack for main out.

the main output includes a removable 6.35 mm jack to 3.5 mm mini jack adapter.



outputs

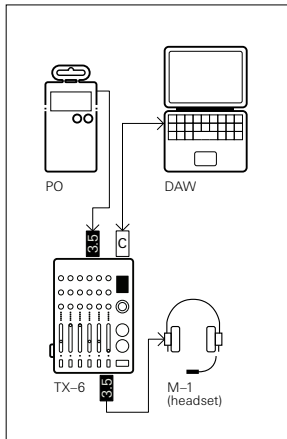
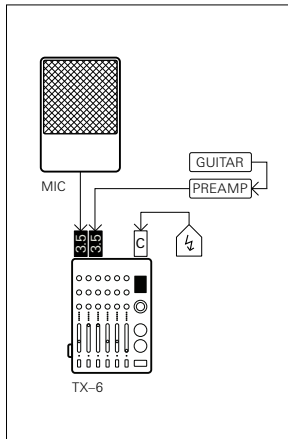


audio in examples

connect your audio sources into the TX-6 audio inputs. units such as pocket operators, OP-1, OP-Z or any other line level sources can be used. pocket operator modular should be connected via its speaker output. guitars and microphones may need a preamp to function well.

cue out directly accepts a headset microphone, such as the M-1.

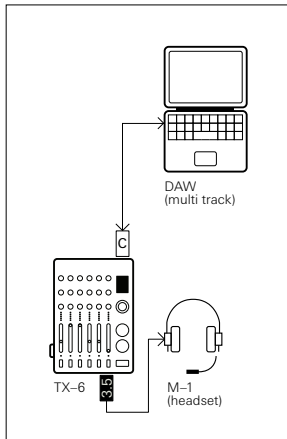
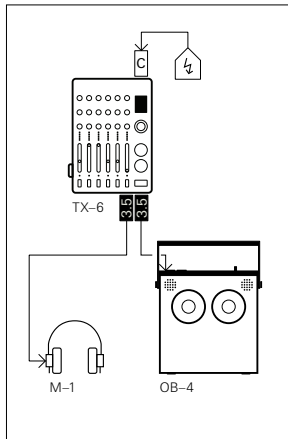
usb can also be used for audio input, in addition to midi control, firmware updates and charging.



audio out examples

the various outputs on TX-6 can be connected to headphones, studio monitors, pa speakers or other audio equipment. main out is used for the main audio output signal. aux and cue out can be used for monitoring and recording, as well as for creating effect loops.

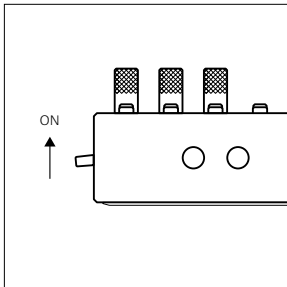
usb can also be used for multitrack recording to a daw.



power on

turn on the unit by flipping the power switch to the up position. the led next to the switch will light up, indicating that the unit is on.

the display will briefly show the TX-6 power up title screen before arriving at the home screen, showing main level, vu meters for left and right, battery level and usb charge indicator.



charging

the unit is charged through the usb port. battery level is indicated on the home screen and from the system menu. when charging with the unit turned off, press any button to show the battery level. the side led turns green when the battery is fully charged. to keep the battery healthy, the unit should be charged at least every 6 months. if not used for a long time, it may not charge again.

firmware update

to update the TX-6 firmware:

- connect TX-6 via usb to a computer.
- hold the cue button while switching power on to enter firmware update mode.
- the device will show up as a mass storage disk.
- put the new firmware file on the disk and eject. wait for the update to finish.

the latest firmware version:
teenage.engineering/downloads

start

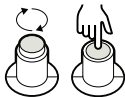
select

shift

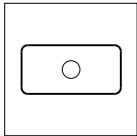
let's start by getting familiar with the main TX-6 interface.

the select knob can be rotated to adjust main volume and parameters as well as navigating the system menu. the select button can also be pressed to select and confirm choices.

shift can be used to exit any menu and to return to home screen. it can also be used in combination with other buttons to access further functions.



by rotating the select knob you can adjust the main volume, parameter values and navigate the menu.



use shift to exit any menu and return to home screen, and in a button combo to access other functions.

guide conventions

sometimes you will need to press buttons in sequence, sometimes in combination. these illustrations and texts will help you to follow along in the guide.

to press a button, tap it and then release. to hold a button press it and keep it pressed down. many of the knobs and buttons have different functionality depending on the context.



press the main select button.



rotate the main select knob.



first press one button and then the other.



press and hold the first button. then the second.

knobs / buttons



FX I



FX II

o



track
buttons

aux



aux
button

cue



cue
button



parameter knob:
blue



parameter knob:
orange



parameter knob:
white

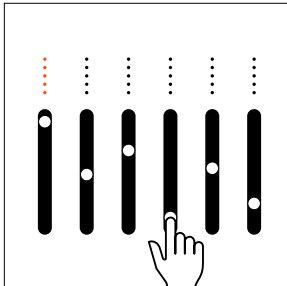
the parameter knobs control the three band eq by default, but can also be configured to control various other parameters. read more over the next pages.

faders and meters

the faders control the volume of the tracks. input level of each track is shown on the led vu meters. if clipping occurs in the input signal, all five leds will turn red. adjust the input gain of the track to prevent clipping.

if a channel is configured as a joined mono input, the fader will control both left and right input signals.

the led brightness can also be controlled from the system menu.



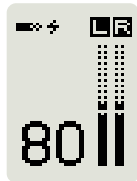
screen

the home screen displays main vu meters, battery charge status and the main volume setting. if any functionality is activated or a knob is turned, that will be reflected on the display before going back to the previous screen.

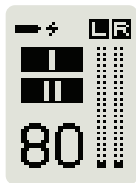
after a minute of inactivity the display will automatically dim to save power. if the unit is left untouched for some time, the display will turn off. press any button to activate it again.



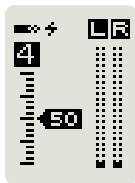
title screen.



home screen /
master level.



home screen /
master level.
FX I and FX II
active.

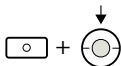


home screen /
master level.
precise level
indicator for
faders.

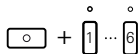
general operations



engage
solo / mute



show system
menu



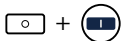
cycle through
track menu



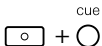
activate
effect



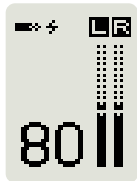
show aux /
cue page



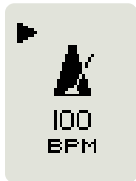
show fx
menu



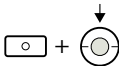
show mic
page



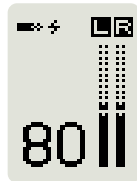
main volume.
turn select from
the home screen
to control the
main volume.



tempo.
press select from
the home screen
to show the
tempo screen.



menu.
hold shift and
press select to
access the
system menu.



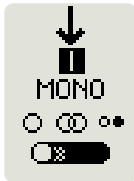
exit menu.
to exit any menu
just press shift.

input mode

when a plug is connected into an input socket it is detected by TX-6 and a dialog is shown for you to select which configuration to use: mono, stereo or split. when split mode is selected, you can connect two mono sources to the same input with a splitter cable. in this mode, the pan parameter controls the balance of those two signals. turn select and click the button to confirm and exit.

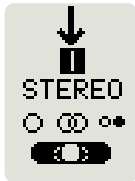
the output sockets also detect connections.

line in



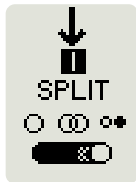
mono. left input signal mixed to both channels.

line in



stereo. default left and right stereo mix.

line in



split. left and right signals combined, for when using a splitter cable.

main out



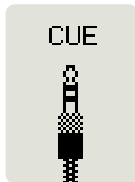
main detection. when a plug is inserted into the main output.

aux out



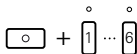
aux detection. when a plug is inserted into the aux output.

cue out



cue detection. when a plug is inserted into the cue output.

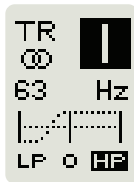
track menu



hold shift and press a track button to show the track menu. press several times while holding shift to cycle between the different settings. unless a setting is assigned to a parameter knob, it can be adjusted by turning the select knob. a symbol indicates which knob the parameter is assigned to. if there are multiple settings on a page, like the eq for example, press select to move to the next setting of the page.

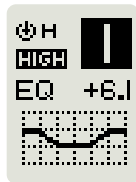
press shift to exit to home screen.

filter



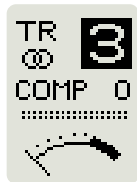
low pass /
high pass filter.

equalizer



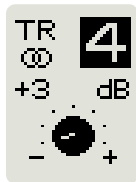
3-band equalizer
high / mid / low.

compressor



compressor.

gain



input gain.

panning



panning left and right.

pro-tip: press and hold the select button for one second to reset the current parameter to its default value.

solo

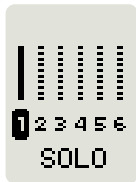
if the track buttons do not control any specific feature on the active screen, they are used for solo. press track buttons to select tracks to solo. the type of solo is set from the system menu.

there are two different solo modes:

- solo - mutes other tracks.
- mute - mutes active track.

solo and mute can be useful both during mixing, as well as when performing. when mixing, you can isolate parts of your mix using solo, for a better understanding of how each individual element comes together in your mix. when performing, you can use mute to creatively bring tracks in and out of your mix, to break it down and build it up.

solo



solo mode. solos selected channel and mutes others.

mute



mute mode. mutes selected channel when pressing channel button.

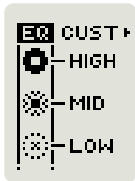
pro-tip: muted tracks can still be heard in cue out.

parameter knobs



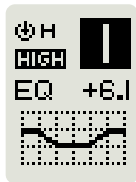
each of the six tracks has three potentiometers. these are the parameter knobs. by default the three knobs control a 3-band equalizer with a gain of ± 18 dB per band.

when mixing multiple tracks together use the eq to adjust the individual track frequencies in order to get a well balanced overall mix.

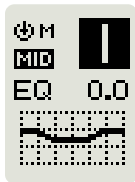


equalizer. the default layout for the parameter knobs.

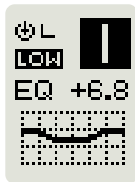
equalizer



the blue knob
controls the high
frequencies.



the orange knob
controls the mid
frequencies.



the white knob
controls the low
frequencies.

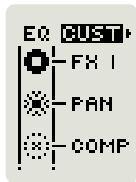
parameter knob settings

a custom knob scheme can be configured from the pots setting in the system menu. it is also possible to set individual configurations for each track. when a parameter is assigned to a knob, it cannot be controlled from the track menu. when a parameter knob is turned, the configuration will be displayed on the screen for a short time.

the available parameters that can be assigned to a custom knob scheme are:

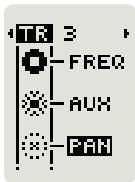
- flt - high pass / low pass filter
- comp - compressor
- pan - panning
- eq h - equalizer high
- eq m - equalizer mid
- eq l - equalizer low
- aux - aux send
- FX I - FX I send
- freq - oscillator frequency
- len - sequencer note length

custom



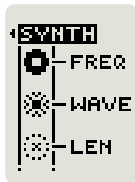
custom.
a configurable
scheme for all
potentiometers.

per track



track. individual
potentiometer
settings. use the
track buttons to
configure.

synth



synth. dedicated
synth controls
for the built-in
synthesiser and
drum machine.

pro-tip: the synth
setting quickly
assigns all
parameter knobs
to control the
synth engine.
great for when
using synth
mode.

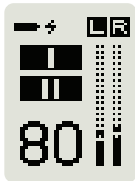
FX buttons



press either of the two FX buttons to toggle the effects on or off.

press shift and either of the two FX buttons to show the audio effects menu. press the FX button again (while holding shift) to switch to the next effect.

turn select to adjust the parameter or change preset. if there is more than one parameter, click select to move to the next. press shift to exit the menu.

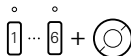


effects active on main screen.

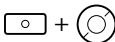
pro-tip: when on the fx screen, hold the cue button to listen to the effect without activating it on the main output.

FX I

A



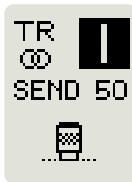
B



FX I is used for send effects, where some of the signal from a track can be sent to the effect, before it gets returned.

(A) when the FX I page is active, hold a track button and turn select to adjust send level for each track.

(B) hold shift and turn select to adjust FX I return level.

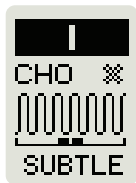
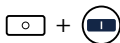


effect send level
for FX I.

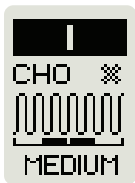


effect return
level for FX I.

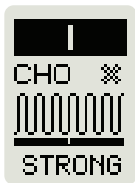
FX I



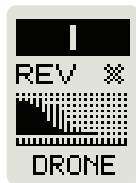
effect I:
chorus: subtle.



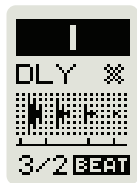
effect I:
chorus: medium.



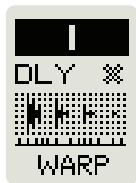
effect I:
chorus: strong.



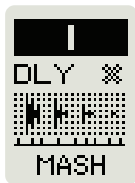
effect I:
reverb: drone.
more: light,
small, medium,
large.



effect I:
delay: 3/2.
more: 1/8, 1/4,
2/3, 3/4, 1, 3/2,
warp, mash.

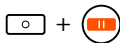


effect I:
delay: warp.



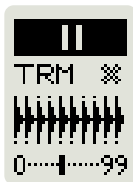
effect I:
delay: mash.

FX II



FX II is used for insert effects, where all of the signal goes through the effect when activated. FX II can be configured to operate on a single track or on the main mix.

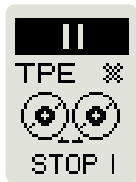
when on the FX II page, click any track button to select track. click on the selected track again to select main mode.



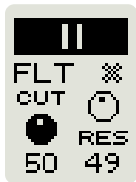
effect II:
tremolo.



effect II:
freeze.

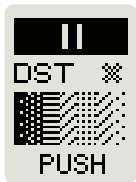
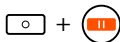


effect II:
tape: stop 1.
more: stop 2,
pong.

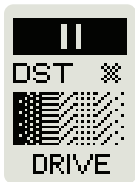


effect II:
filter.

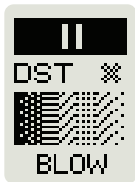
FX II



effect II:
distortion: push.



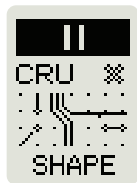
effect II:
distortion: drive.



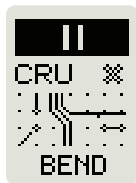
effect II:
distortion: blow.



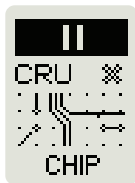
effect II:
distortion:
dstroy.



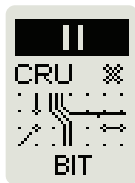
effect II:
crush: shape.



effect II:
crush: bend.

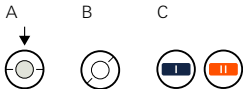


effect II:
crush: chip.



effect II:
crush: bit.

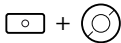
tempo



(A) the mixer has an internal tempo that can be set locally or controlled by an external midi clock. when on the main screen, push select to show the tempo screen.

(B) turn select to adjust desired tempo from 40 to 400 bpm.

(C) use FX I button for tap tempo and use FX II button to set a new start point.

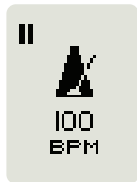


hold shift and turn select to choose midi sync mode, out or in.

when on the tempo screen, press select to toggle play / stop. this will start the internal sequencer if activated in synth mode.

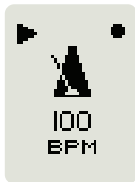
the tempo is used for beat synced effects, for example tremolo and delay and also sets the tempo for the built-in sequencer.

stopped



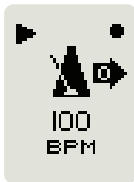
tempo main screen. clock is stopped.

playing



tempo main screen. clock is running using internal tempo.

playing



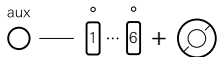
clock is running and showing a blinking beat indicator. sync out is active.

playing



clock is running and showing a blinking beat indicator. sync in is active.

aux out

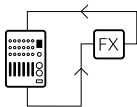


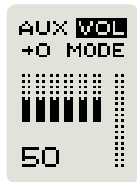
aux out can be used as a second output. press the aux button to show the aux page and see a graph showing the aux send levels of each separate track. control aux output volume with select, and hold a track button and turn select to adjust the aux send level for individual tracks.

press select to access the 'mode' setting where aux out can be set to pre-fader or post-fader by turning select.

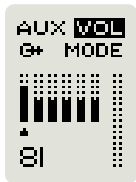
pro-tip: aux out can be used to create an external effects loop, routed back into one of the inputs.

you can also use aux out with a recording device to record a live performance.

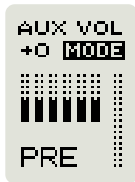




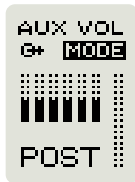
main auxiliary
level.



individual
auxiliary send
per channel with
track button.

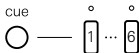


auxiliary
pre-fader
selection.



auxiliar
post-fader
selection.

cue out



cue out can be used as a headset output. press the cue button to show the cue page and use the track buttons to choose which tracks to send to cue out. set the cue volume by rotating select.

press select to access the 'mode' setting where the cue output mode can be set to cue or main. main means you will hear exactly what is going through main out.



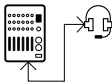
cue out volume. adjust it with the select knob. be careful with your ears.



cue mode cue. use the track buttons to assign which tracks to send to cue out.



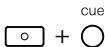
cue mode main.
listen to exactly
what is going
through the main
output.



headset with a
microphone
connected to
cue out. see next
page.

headset mic

A



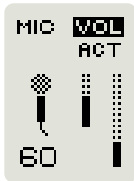
B



(A) if a headset with a microphone is connected to the cue out, press and hold shift and the cue button to control it. press the cue button and turn select to access the different options. available options are:

- act - microphone active on / off
- vol - volume 0-100.
- gain - from 0 to +31 dB.
- fx - select mic effect.

(B) when there are several settings on one page, click select to cycle between them.



instrument tuner



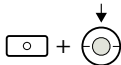
TX-6 features a tuner that allows you to check the pitch of any incoming audio signal and help you to tune your instruments.

choose input track by turning the select knob. the pitch of your sound will be automatically detected and shown on the display.



tuner detecting pitch.

system menu



press shift + select to show the system menu, then turn the knob to scroll through the menu. click select to choose a setting page.

when on a setting page, turn select to adjust the value and press to move onto the next setting on the page (if there is one) or go back to the system menu.

press shift to exit back to the home screen.

SOLO
USB
POTS
VU
LIMIT
MEM

system menu.
click select to
access menu
items.

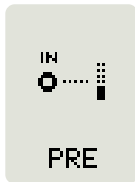
SOLO
USB
POTS
SYNTH
MIDI
BLE
TUNER
DJ
MEMO
LIMITER
VU
LEDS
DISP
THEME
NAME
VER
BAT
RESET

vu meter

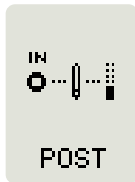
the vu meters can be configured to show pre- or post-fader channel activity.

pre-fader metering can be handy to show input levels when setting up for recording, while post fader metering can be great for when mixing or performing. it's all a matter of personal taste, how you want your levels visualized.

⋮



vu meter
settings pre
fader.

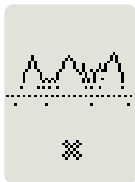


vu meter
settings post
fader.

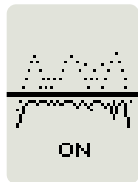
limiter

the limiter can be turned on or off and prevents TX-6 from clipping the master mix. hold shift and press select, scroll to limiter and press the button again to enter this setting. toggle the limiter on or off by turning select.

confirm by pressing select and press shift to exit to the home screen.



limiter off.



limiter on.

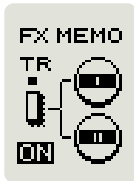
memory presets

if activated from the system menu, the FX buttons can be used to store and instantly recall effect settings.

when in the track menu, hold shift and hold FX button I or II to save current track settings (eq and filter). the display will indicate that the memory slot was saved.

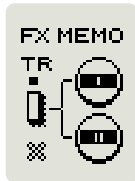
the saved settings can be recalled by pressing the same FX button (without shift this time). the preset is only active when the FX button is held.

on



track memory
on.

off



track memory
off.

usb

the usb setting in the system menu selects usb audio routing options. these modes are available:

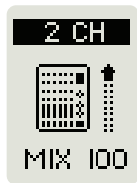
- 2 ch - main mix, send & receive.
- 12 in - multichannel usb input, mixed with analog inputs, main mix stereo output.
- 12 out - multichannel outputs post faders, stereo input to main.

press select for additional settings and rotate to adjust. main out source:

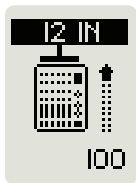
- ext - usb input overrides main output.
- mix - the signals are mixed together.

output volume:

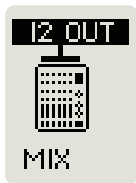
- adjusts volume of main mix usb output to prevent clipping.



2 ch:
2 + 2 channel
interface. main
mix, send and
receive.



12 in:
12 channel usb
input, mixed
with the analog
inputs.



12 out:
12 channel usb
output. great for
multitracking to
a daw.

synth mode



in synth mode, each channel becomes a configurable sound generator, mixed with any input signal. there are four options for this mode and additional synth settings.

- off - synth mode is off.
- play - trigger sounds using the track buttons.
- seq - playing a sequenced pattern, selectable from track settings.
- tone - oscillators always on.

off



off:
synth mode is
off.

play



PLAY

play:
trigger sounds
using the track
buttons.

seq



SEQ

seq:
playing patterns
from the track
settings.

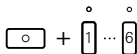
tone



TONE

tone:
oscillators are
always on.

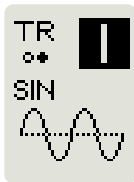
synth settings



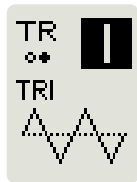
when synth mode is active there are a few extra settings available per track. hold shift and repeatedly press a track button to access this.

- sound - select which waveform or synthesis sound you want.
- frequency - adjust the synthesis frequency / tone.
- length - adjust synthesis length / decay.
- seq - select which sequencer pattern to use.

waveforms

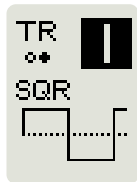


waveform:
sine wave.

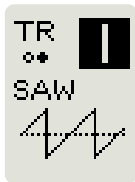


waveform:
triangle wave.

waveforms

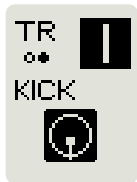


waveform:
square wave.

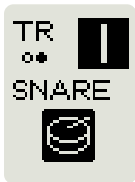


waveform:
saw wave.

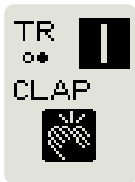
synthesis



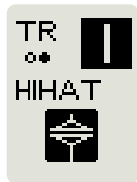
synthesis:
kick drum.



synthesis:
snare drum.

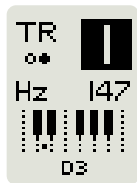


synthesis:
hand clap.



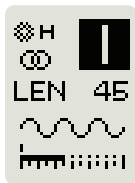
synthesis:
hi hat.

frequency



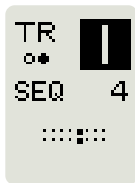
individual
frequency / note
control per track.

length



synthesis length
or decay adjust.

sequence



trigger sequence
pattern choice.

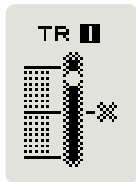
dj mode



dj mode lets you turn TX-6 on its side and use it as a dj mixer. when activated, channel 1 is disabled and its fader is instead used to crossfade between the channel 5 and 6 inputs, allowing you to fade or cut between the two.

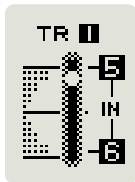
connect your headphones in the cue output and you've got yourself a very handy setup.

off



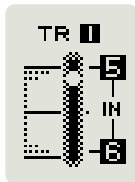
crossfade mode
for track 1 is off.

slow fade

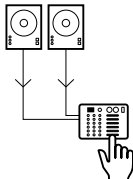


slow fade. dj
style crossfade
between channel
5 and 6.

fast cut



fast cut. dj style
crossfade
between channel
5 and 6.



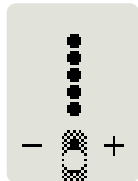
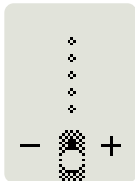
pro-tip: you can
rotate the mixer
90 degrees to
get that dj
feeling.

led settings



the led brightness can be adjusted to your liking. select leds from the system menu and turn select to dim or brighten the led intensity. there are four levels of intensity to choose from. you may want to turn it down in low-light environments and turn it up during sunny field work.

press shift to exit.



led settings.
turn select to
adjust intensity.

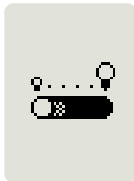
brightness and theme



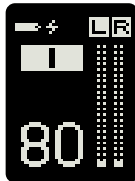
you can adjust display brightness in the system menu. hold shift and press select, then scroll down to disp. press select again and you can now turn to adjust the brightness of the display.

choose theme from the system menu and turn the select knob to toggle light or dark mode.

confirm by pressing select and press shift to exit to the home screen.



display
brightness
dimmed / full.



dark mode
example.

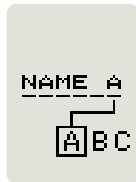
ble (bluetooth)

TX-6 can accept connections from bluetooth le midi devices. bluetooth is disabled by default, so to accept bluetooth connections, enable ble in the system menu.

if there are multiple TX-6 units nearby you can rename your device to avoid confusion. the ble device name can be set in the name system menu. this will be the advertised name over the ble protocol.



ble on and
accepting
connection.



ble device
naming. turn to
choose letters
and press select
to advance.

gnd

os version

battery

reset

USB GND
ISOLATION
ON

CHARGER
OFF

the gnd setting
can be used to
eliminate any
usb ground loop
noise.



1.0.0

firmware version
information.



96%

battery level /
charging display.

TURN
TO
RESET



factory reset
function. turn
clockwise to
confirm.

midi

TX-6 can send and receive midi over usb and bluetooth le interfaces. the supported received features are:

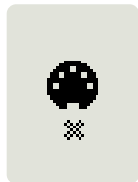
- clock & transport (play/stop).
- note messages to trigger the internal synthesizer.

the supported send features are:

- clock & transport (play/stop).
- cc messages from faders, knobs and buttons.



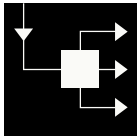
midi on.



midi off.

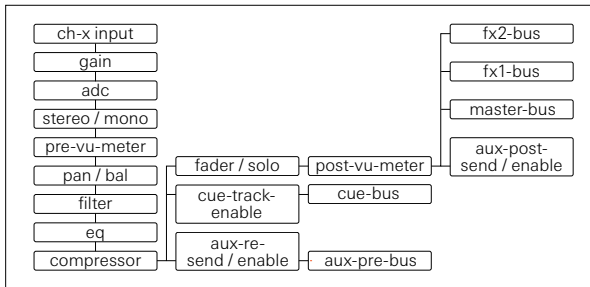
please see the online guide for a detailed description of the latest midi implementation.

signal flow

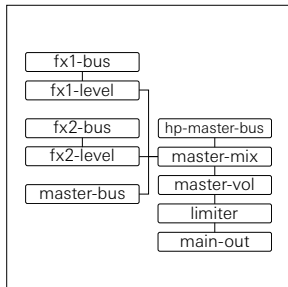


this is an overview of all the paths that the audio signal takes from input to output in TX-6 field mixer, to give you a basic understanding of what happens at the various stages of this process.

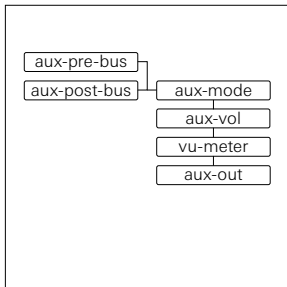
input channels



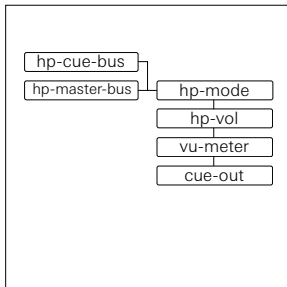
master



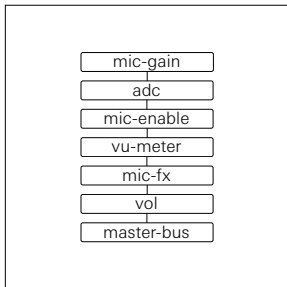
aux



headphones



microphone



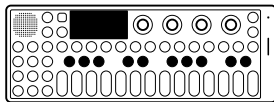
field

using TX-6
with other
gear

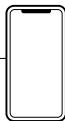


as with all teenage engineering products, TX-6 field mixer has been developed with portability and compatibility in mind.

the following pages illustrate a variety of ways in which you can connect instruments such as OP-1, OP-Z, pocket operators and other compatible equipment to your TX-6.



OP-1



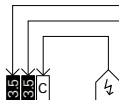
MOBILE
DEVICE

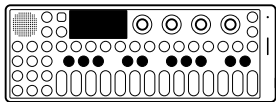


M-1

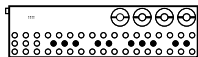


TX-6

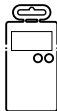




OP-1



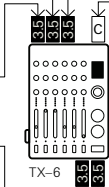
OP-Z



PO



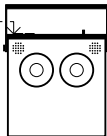
M-1



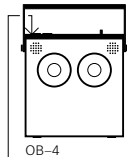
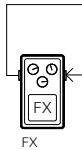
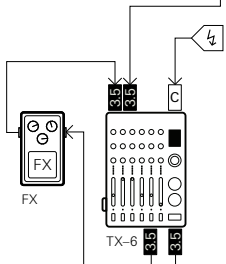
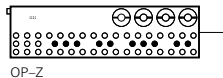
TX-6

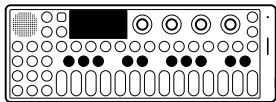


DAW



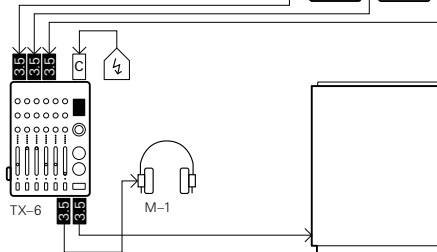
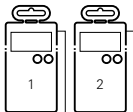
OB-4





OP-1

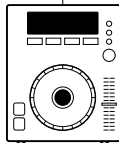
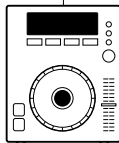
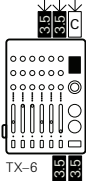
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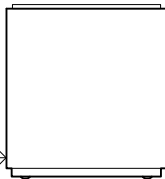
TX-6

M-1

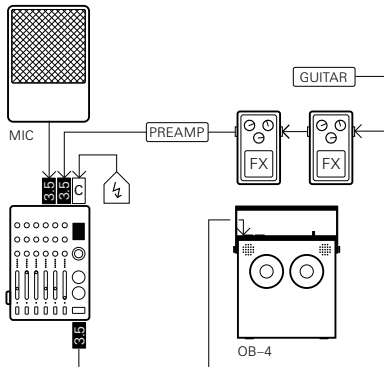
OD-11

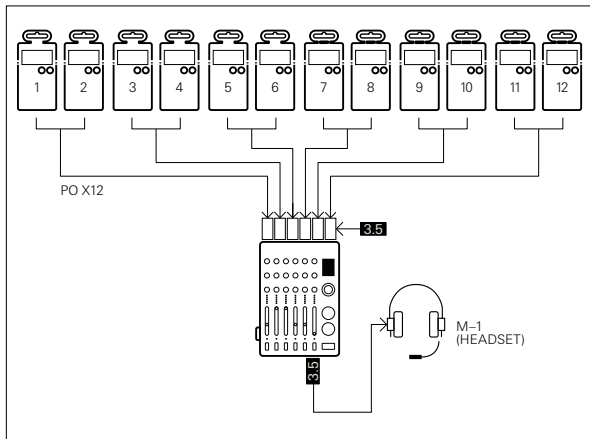


CDJ X2

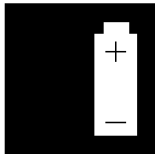


OD-11





technical specifications



- 6 stereo input connectors
- 2 stereo output connectors
- 1 stereo headphones connector with headset microphone support
- usb audio / midi interface
- bluetooth low energy radio interface
- rechargeable battery
- 8 h battery life
- 48x64 pixel monochrome display

electrical characteristics

audio inputs:

impedance: 10 kOhm

analog gain: 0 - 42 dB

max level: 8 dBu, 2 Vrms

SNR: 102 dBA (typical)

audio output (main and aux):

max level: 8 dBu, 2 Vrms

SNR: 110 dBA (typical)

audio output (cue):

max level: 2 dBu, 1 Vrms

SNR: 110 dBA (typical)

handling

ambient working temperature:

0-50°C (32-122°F)

ambient storage temperature:

0-30°C (32-86°F)

clean the shell of the unit with a
lightly damp microfibre cloth.

let dry before usage.

use pressurized air to remove dust
from the faders.

warnings and warranty

TEENAGE ENGINEERING TX-6
MODEL NO: TE028AS001

RISK OF EXPLOSION OR FIRE IF THE BATTERY IS REPLACED WITH INCORRECT TYPE. ONLY A BATTERY SUPPLIED BY TEENAGE ENGINEERING AND INSTALLED BY QUALIFIED PERSONNEL SHOULD BE USED. TO PREVENT POSSIBLE HEARING DAMAGE, DO NOT LISTEN AT HIGH SOUND LEVELS FOR LONG PERIODS.

FOR WARRANTY, SAFETY INSTRUCTIONS AND FULL REGULATORY INFORMATION, VISIT:
TEENAGE.ENGINEERING/GUIDES/TX-6.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES AND ICSED CANADA'S LICENCEEXEMPT RSS(S). OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND

(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIREDOPERATION.

MODIFICATIONS NOT EXPRESSLY APPROVED BY TEENAGE ENGINEERING COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

FCC ID: Z23028A

IC: 9915A-028A

avertissements et garantie

TEENAGE ENGINEERING TX-6
MODEL NO: TE028AS001

RISQUE D'EXPLOSION OU DE FEU SI LA BATTERIE EST REMPLACÉE PAR UN TYPE DE BATTERIE INCORRECT. SEULE UNE BATTERIE FOURNIE PAR TEENAGE ENGINEERING ET INSTALLÉE PAR UN PERSONNEL QUALIFIÉ DOIT ÊTRE UTILISÉE. AFIN D'ÉVITER TOUT DOMMAGE LIÉS À VOTRE AUDITION, IL EST RECOMMANDÉ DE NE PAS ÉCOUTER VOTRE MUSIQUE TROP FORT ET TROP LONGTEMPS.

POUR PLUS D'INFORMATIONS À PROPOS DE LA GARANTIE, LES INSTRUCTIONS DE SÉCURITÉS ET INFORMATIONS RÉGLEMENTAIRES, VISITEZ:
TEENAGE.ENGINEERING/GUIDES/TX-6.

CET APPAREIL EST CONFORME À LA
PARTIE 15 DES RÈGLES DE LA FCC ET LE
PERMIS D'ISED CANADA NORMES RSS
EXEMPTÉES. SON FONCTIONNEMENT EST
SOU MIS AUX DEUX CONDITIONS
SUIVANTES:

(1) CET APPAREIL NE DOIT PAS PROVOQUER
D'INTERFÉRENCES PRÉJUDICIA BLES, ET

(2) IL DOIT ACCEPTER TOUTE INTERFÉRENCE
REÇUE, Y COMPRIS LES INTERFÉRENCES
POUVANT ENTRAÎNER UN MAUVAIS
FONCTIONNEMENT.

LES MODIFICATIONS NON EXPLICITEMENT
APPROUVÉES PAR TEENAGE ENGINEERING
PEUVENT CONDUIRE À ANNULER LES
DROITS DE L'UTILISATEUR À UTILISER
L'ÉQUIPEMENT.

FCC ID: Z23028A
IC: 9915A-028A

RF EXPOSURE COMPLIANCE

THIS EQUIPMENT COMPLIES WITH FCC/ISED RADIATION EXPOSURE LIMITS SET FORTH FOR AN UNCONTROLLED ENVIRONMENT. END USER MUST FOLLOW THE SPECIFIC OPERATING INSTRUCTIONS FOR SATISFYING RF EXPOSURE COMPLIANCE. THIS TRANSMITTER MUST NOT BE CO-LOCATED OR OPERATING IN CONJUNCTION WITH ANY OTHER ANTENNA OR TRANSMITTER.

THE PORTABLE DEVICE IS DESIGNED TO MEET THE REQUIREMENTS FOR EXPOSURE TO RADIO WAVES ESTABLISHED BY FCC/ISED. THESE REQUIREMENTS SET A SAR LIMIT OF 1.6 W/KG AVERAGED OVER ONE

GRAM OF TISSUE. THE HIGHEST SAR VALUE REPORTED DURING PRODUCT CERTIFICATION FOR USE WHEN PROPERLY WORN ON THE BODY, WITH 0 MM SEPARATION, WAS 0.91 W/KG.

CONFORMITÉ D'EXPOSITION AUX RF

CET ÉQUIPEMENT EST CONFORME AUX LIMITES D'EXPOSITION AUX RAYONNEMENTS FCC/ISED ÉTABLIES POUR UN ENVIRONNEMENT NON CONTRÔLÉ. L'UTILISATEUR FINAL DOIT SUIVRE LES INSTRUCTIONS SPÉCIFIQUES POUR SATISFAIRE LES NORMES. CET ÉMETTEUR NE DOIT PAS ÊTRE CO-IMPLANTÉ OU FONCTIONNER EN CONJONCTION AVEC TOUTE AUTRE ANTENNE OU TRANSMETTEUR.

L'APPAREIL PORTABLE EST CONÇU POUR RÉPONDRE AUX EXIGENCES D'EXPOSITION AUX ONDES RADIO ÉTABLIES PAR L'ISED.

CES EXIGENCES ÉTABLISSSENT UN SAR LIMITE DE 1,6 W/KG EN MOYENNE POUR UN GRAMME DE TISSU ORGANIQUE. LA VALEUR SAR LA PLUS ÉLEVÉE SIGNALÉE LORS DE LA CERTIFICATION DE PRODUIT À UTILISER LORSQU'IL EST CORRECTEMENT PORTÉ SUR LE CORPS, AVEC UNE SÉPARATION DE 0 MM, EST 0.91 W/KG.

CAUTION

DO NOT TRY TO CHARGE OR USE A UNIT WITH A SEEMINGLY DAMAGED BATTERY.

ONLY A BATTERY SUPPLIED BY TEENAGE ENGINEERING INSTALLED BY QUALIFIED PERSONNEL SHOULD BE USED.

DISPOSAL OF A BATTERY INTO FIRE OR A HOT OVEN, OR MECHANICALLY CRUSHING OR CUTTING OF A BATTERY, THAT CAN RESULT IN AN EXPLOSION.

LEAVING A BATTERY IN AN EXTREMELY HIGH TEMPERATURE SURROUNDING ENVIRONMENT THAT CAN RESULT IN AN EXPLOSION OR THE LEAKAGE OF FLAMMABLE LIQUID OR GAS.

TO PREVENT POSSIBLE HEARING DAMAGE, DO NOT LISTEN AT HIGH SOUND LEVELS FOR LONG PERIODS.

STORE SMALL PARTS OUT OF THE REACH OF CHILDREN AND INFANTS. IF ACCIDENTALLY SWALLOWED, CONTACT AN EMERGENCY MEDICINE DOCTOR IMMEDIATELY

MADE FOR APPLE BADGE

USE OF THE MADE FOR APPLE BADGE MEANS THAT AN ACCESSORY HAS BEEN DESIGNED TO CONNECT SPECIFICALLY TO THE APPLE PRODUCT(S) IDENTIFIED IN THE BADGE AND HAS BEEN CERTIFIED BY THE DEVELOPER TO MEET APPLE PERFORMANCE STANDARDS. APPLE IS NOT RESPONSIBLE FOR THE OPERATION OF THIS DEVICE OR ITS COMPLIANCE WITH SAFETY AND REGULATORY STANDARDS.

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EU COMPLIANCE

HEREBY, TEENAGE ENGINEERING DECLARES THAT THE RADIO EQUIPMENT TYPE TX-6 IS IN COMPLIANCE WITH DIRECTIVE 2014/53/EU. THE FULL TEXT OF THE EU DECLARATION OF CONFORMITY IS AVAILABLE AT THE FOLLOWING INTERNET ADDRESS:

TEENAGE.ENGINEERING/GUIDES/TX-6.

FREQUENCY BAND:
2400 - 2483.5 MHZ

MAXIMUM OUTPUT POWER:
10 DBM EIRP

UK COMPLIANCE

HEREBY, TEENAGE ENGINEERING DECLARES THAT THE RADIO EQUIPMENT TYPE TX-6 IS IN COMPLIANCE WITH RADIO EQUIPMENT REGULATIONS 2017. THE FULL TEXT OF THE UK DECLARATION OF CONFORMITY IS AVAILABLE AT THE FOLLOWING INTERNET ADDRESS:

TEENAGE.ENGINEERING/GUIDES/TX-6.

RECYCLING

ELECTRICAL AND ELECTRONIC EQUIPMENT, PARTS AND BATTERIES MARKED WITH THIS CROSSED-OUT WHEELIE BIN SYMBOL MUST NOT BE DISPOSED OF WITH NORMAL HOUSEHOLD WASTAGE, IT MUST BE COLLECTED AND DISPOSED OF SEPARATELY TO PROTECT THE ENVIRONMENT. THIS PRODUCT CONTAINS A BUILT IN LI ION BATTERY.



TEENAGE ENGINEERING AB
TEXTILGATAN 31
120 30 STOCKHOLM
SWEDEN / SUÈDE



designed and
engineered by
teenage
engineering