EP FAMILY MAGAZINE #2 SPECIAL PARTY ISSUE

karaoke

DAILY



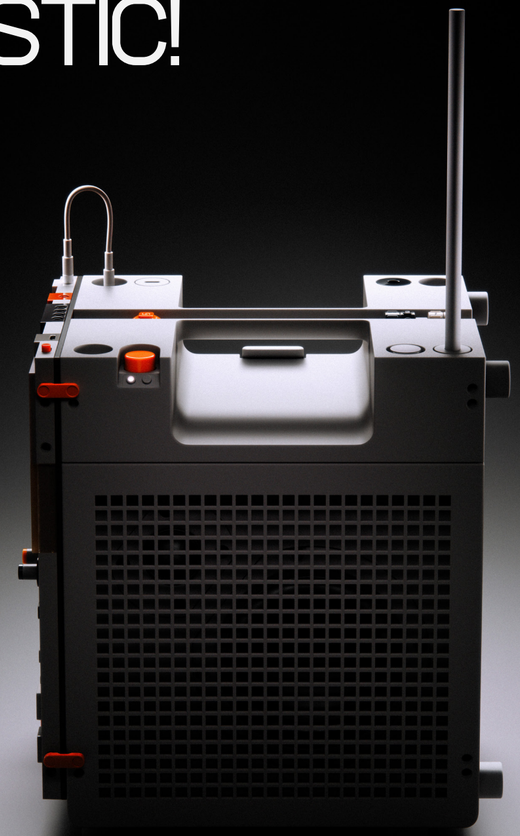
TOO HOT? PLAY COOLING SOUNDS OF WINTER

EP—35

USING THE EP-35 IN TOO HIGH TEMPERATURES UNDER PROLONGED TIME MAY CAUSE SLIGHT SUN DAMAGE TO THE PLASTIC AND POSSIBLY LEAD TO YOU DEHYDRATING YOURSELF. TEENAGE ENGINEERING DOES NOT TAKE RESPONSIBILITY FOR ANY INJURY CAUSED BY PLAYING MUSIC AT TOO HIGH HEAT.

LIFE IS FANTASTIC!

$399

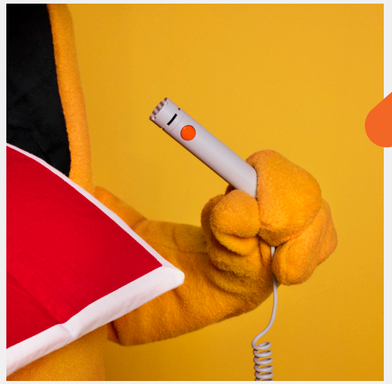


- 6X INPUTS – SUMMED. PLAY ALL SIMULTANEOUSLY
- USB 2.0 MULTICHANNEL AUDIO INTERFACE
- 1/4" GUITAR INPUT WITH LOW/HIGH GAIN SETTINGS
- XLR INPUT WITH 48V PHANTOM POWER
- 16 BUILT–IN FX PRESETS FOR GUITAR AND MIC
- STEREO LINE–IN AND LINE OUT
- BLUETOOTH WITH LE AUDIO AND BROADCAST MODE
- BUILT– IN BATTERY (CHARGE WITH USB–C PD)
- PLAY FROM USB DRIVES, FM RADIO AND MORE

SOME PEOPLE ARE BORN WITH A RARE TALENT: AN ABILITY SO POWERFUL IT COULD MAKE EVEN THE STRONG, SILENT TYPE BURST INTO TEARS. WE'RE TALKING ABOUT THE ABILITY TO SING KARAOKE. A SKILLED KARAOKE SINGER CAN AMPLIFY AND TRANSMIT THE TRUE POWER OF A SONG THROUGH THE MOST STUBBORN CROWDS. THE MAGIC HAPPENS ON THE SMOKE–RIDDEN STAGES OF DINGY BARS AND AT OFFICE CHRISTMAS PARTIES.



CONNECT HANDY MIC TO EP—35 OR ANY OTHER XLR DEVICE



EP—35 HANDY MIC

karaoke DAILY

with HANDY MIC, a lightweight karaoke-style microphone, and the EP–35, you have a portable karaoke station. equipped with eight different microphone fx to choose from, for an even more impressive performance. bring your favorite mic, or borrow one from someone who takes singing more seriously. EP–35 works with any XLR microphone and has 48V phantom power available when needed.

this opens up new possibilities for you and your karaoke nights. no more waiting lines, time limits, or hourly fees: with the EP–35 and the HANDY MIC you will no longer need a booth, a stage, or power outlets. putting on a show on a busy street, in a peaceful park, in your sister's room or at your ex's wedding has never been this fun.

imagine uncovering a strength you never thought you possessed—a strength that keeps growing throughout the four minutes and forty seconds of "my heart will go on" by celine dion. with your left hand scrolling through the EP–35's microphone FX, you manage to say everything on your mind and more as a robot, a frog, and, most importantly, as a true rock star. your heart, and your show, will indeed go on.

as the sun rises, no one at the office christmas party is left untouched by your performance. your co-workers received an eight-hour experience in the presence of a karaoke deity, while you received an eight-hour karaoke session for a bargain price. employee of the year, here we come.



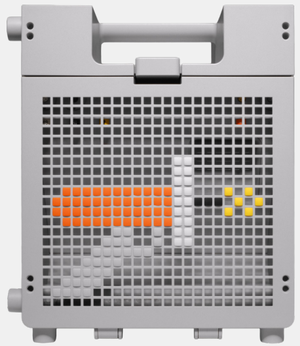
MAKE YOUR OWN DREAM GRILL

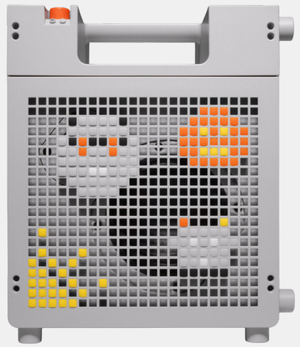
THEY LOOK LIKE CANDY, TASTE LIKE RUBBER, BUT SHOULD NOT BE EATEN.

PERSONALIZE YOUR EP—35 WITH THE SILICONE GRID DOTS. GET INSPIRED BY THE FOLLOWING GRILLS:

1. bacon and egg
2. space gun
3. three stooges
4. explosion
5. flower
6. sprinkles
7. check pattern
8. mosaic

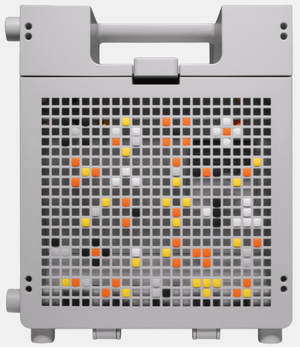

1

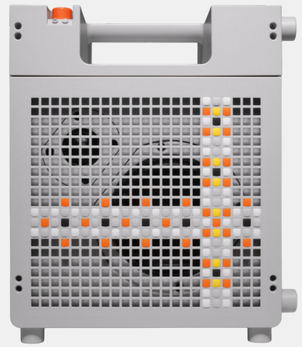

2

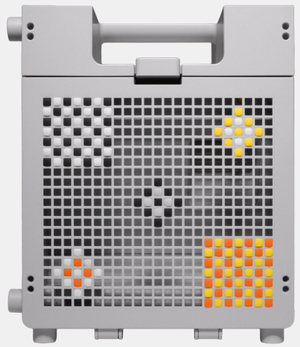

3


4


5

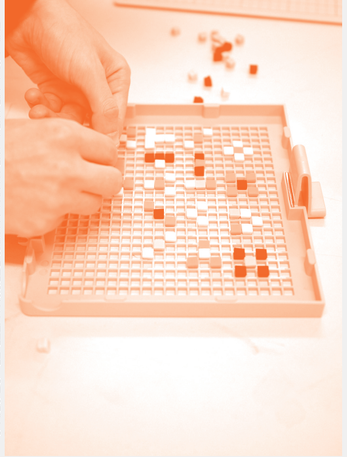

6


7


8

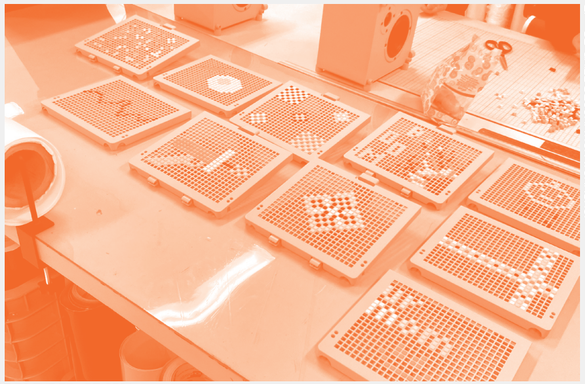


EMIL, LOLA, MIRANDA AND HANNA MAKING PERSONALIZED EP—35 GRILLS





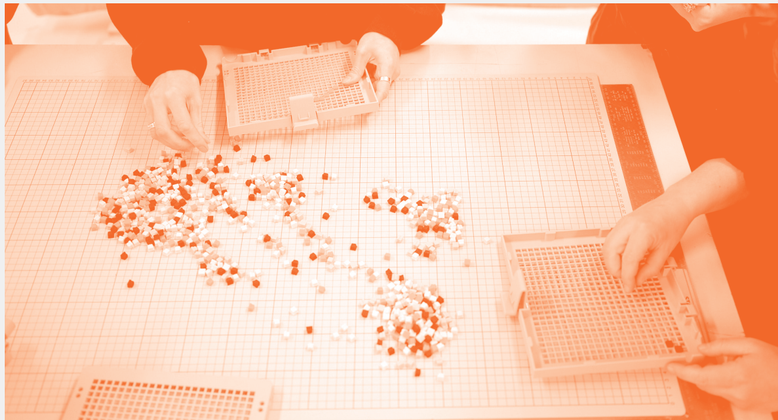
EP—35 GRID DOTS



EP—35 GRILL DECORATION WORKSHOP



WORK IN PROGRESS KARAOKE PHOTOSHOOT GRILL DECORATION



ATTACHING THE GRID DOT TO THE EP—35 GRILL

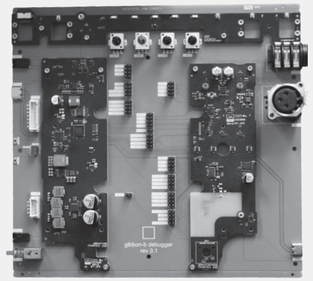

0035 EMIL L—MY DEAR HANDY MIC ハンディマイク
0:23
SWEET LIKE CANDY, I BRING YOU ON MY BIKE


YOU WILL ALWAYS BE MY DEAR HANDY MIC

PRODUCT DEVELOPMENT OF EP—35

INTERVIEW

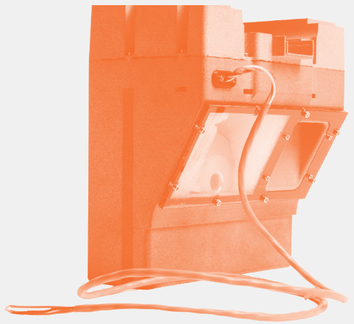
WE SAT DOWN WITH PRODUCT OWNER HAZAR TO DISCUSS THE JOURNEY BEHIND THE EP–35. FROM ITS ORIGINS AS A COMPANION FOR THE K.O. II, PROGRESSING THROUGH NUMEROUS ITERATIONS AND THE COLLABORATIVE EFFORT TO DEFINE ITS UNIQUE SOUND, WE EXPLORE HOW THIS VERSATILE AMPLIFIER CAME TO LIFE.



ELECTRONICS PROTOTYPE PLATFORM



ACOUSTIC HOUSING PROTOTYPE



WHAT INSPIRED AND LED TO THE CREATION OF EP—35?

the whole thing started when we designed the K.O. II. we wanted to have a speaker that could work with it, and from there the idea grew. the intention was always to have multiple inputs. we wanted line-in for the K.O. II, but we also wanted guitar and microphone inputs so that we could involve guitarists, musicians and singers. the idea was to make something that could bring all these different elements together.

we started the project almost four years ago, and the idea changed quite a lot along the way, with lots of different iterations. making this product manufacturable proved to be one of the biggest challenges. i was the product owner during the development phase, which meant i was involved in most aspects of the project. working on something like this is kind of what i've always wanted to do, so being able to do that with a very competent team of inspiring people was a lot of fun.

initially, bluetooth was going to be released as an optional accessory, but then we decided to build it into the product itself. this inclusion opened up the possibility of supporting other accessories, sound cards and things like that. K.O.–PEDAL also developed quite naturally from that idea. the xlr microphone was similar. we already have the CM-15, of course, but we wanted to make a fun and very simple microphone. something you wouldn't have to pay premium dollar for and could easily hand to a kid with developing motor skills. so that became part of the family as well.

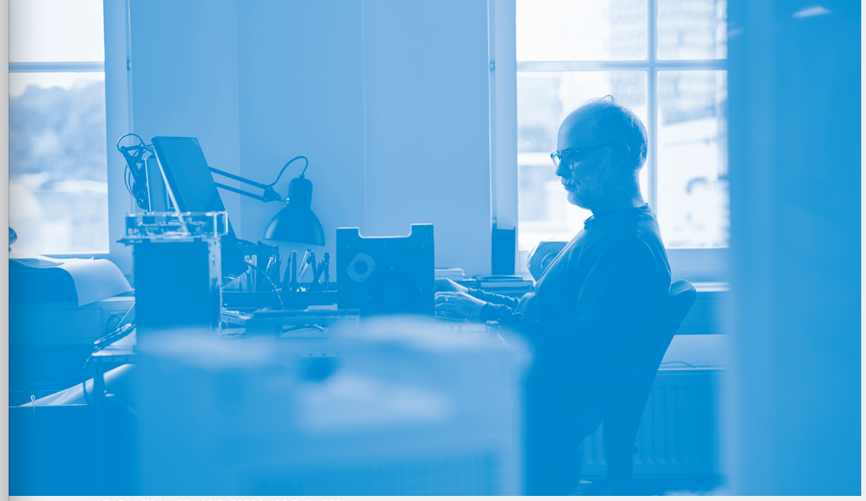
WHAT DO YOU LIKE THE MOST ABOUT THE PRODUCT?

i love the fact that when you first see it, you don't necessarily know what it is. it doesn't immediately look like an amplifier. but i think it makes the product fun.

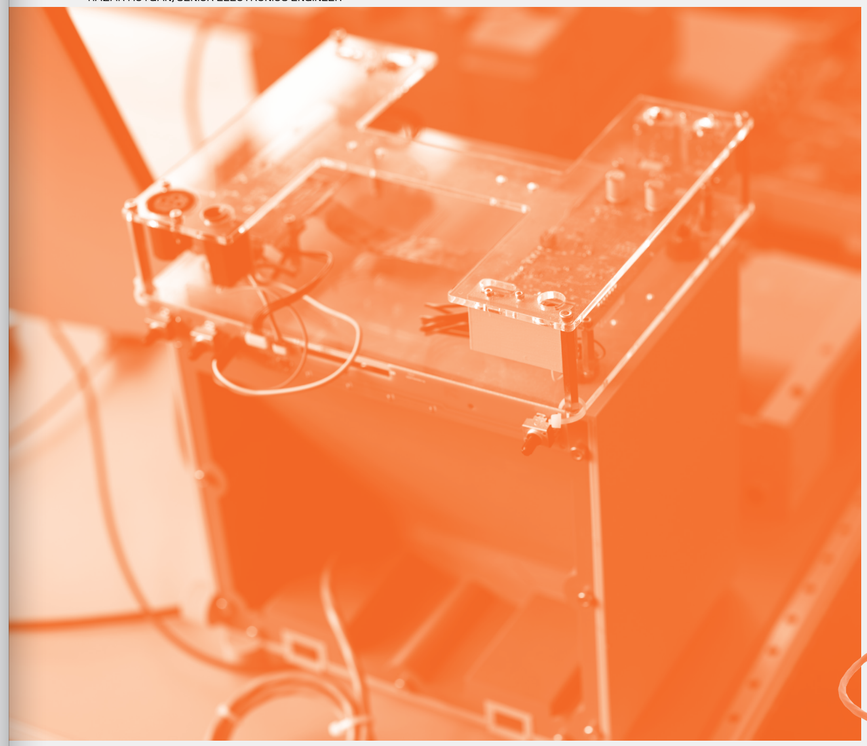
this is also the first product we've made that really includes guitarists, so i'm quite happy and proud to have been part of that. one of the most powerful aspects of EP–35 is actually that it's also a really good speaker. typical guitar amps don't usually double as good music speakers, as their design is strictly focused on the guitar itself. if you visit a music shop, you'll generally find the same variety of amplifiers, ones that excel at being just that. it would be interesting to see this product in that environment because it really stands out as something different.

if your kid wants to start playing guitar and you buy them this amplifier, you still have a very nice speaker if they eventually stop playing guitar. it can live in your living room; you don't need to hide it away. it can be part of your daily life rather than something that's only associated with a hobby or with professional guitar playing. you can connect all your gear and have fun with it.

i see EP–35 as a companion to your other gear. it's something that can work with your K.O. II and your guitar, and you can connect all your instruments to it. it's a good guitar amplifier, but it's also a good speaker.
i also really like the antenna, AMPTENNA. fm receivers have always been a part of



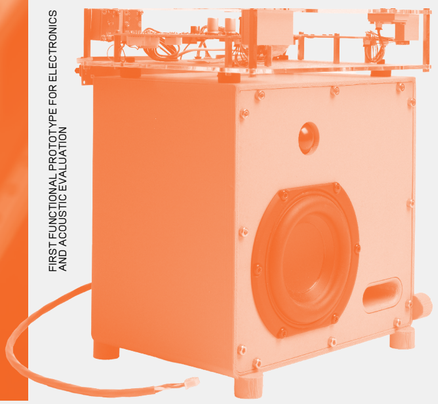
HAZAR MUTGAN, SENIOR ELECTRONICS ENGINEER



teenage engineering products, and i love that detail because nobody really uses fm anymore. it's fun that we keep making it. fm might disappear in the future, although the fm band will always have radio in some form. i just think it's a fun and unique detail.

the portability is another important aspect, the fact that you can actually take it with you. it's really durable as well. then there's the fact that it's basically a mixer. you have six inputs. you have bluetooth, usb-c (which means it works as a usb audio interface), guitar, microphone, the loop input, and the EP–plug port. you don't have to select one input and sacrifice another. you can actually connect everything at the same time.

the broadcast mode is an interesting part of the product. it uses auracast, a bluetooth technology that allows you to broadcast audio to multiple devices that support it. it's becoming more widely adopted by companies, including us, and means you don't necessarily have to pair every speaker individually. simply put, you can broadcast to multiple auracast-compatible speakers at the same time.



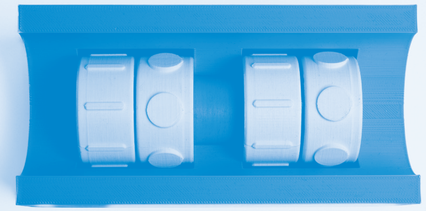
FIRST FUNCTIONAL PROTOTYPE FOR ELECTRONICS AND ACOUSTIC EVALUATION

DO YOU HAVE ANY ADVICE TO NEW USERS?

one of the biggest tips i can give people is about the master volume knob. because the EP–35 has so many inputs, we're not prioritizing any particular input. if everything is coming in at full volume, it might not sound very good. you have to set the volume on your sources. if you're using guitar pedals, you control the volume from the pedals. with a microphone, you adjust the microphone gain. you set the master volume where you want it, then adjust the guitar volume and the other sources accordingly. if you have a K.O. II connected, you use its output volume to control that level as well.

the same thing applies to bluetooth. if you connect your phone and turn the phone volume all the way up while the master volume on the amplifier is very low, it will still be quiet. you basically have to control the volume in two places: on your phone and with the master volume on the amplifier.





EARLY MECHANICAL PROTOTYPE OF FX AND AMOUNT ASSEMBLY

THE DEVELOPMENT OF THE EFFECTS WAS QUITE SPECIAL FOR YOU, RIGHT?

yes, definitely. özüm itez, an old friend of mine from school, was heavily involved. we've played music together for more than 20 years. for me, he's a really good reference for how a guitar should sound. initially, he was our alpha tester when we were developing the effects, but he gradually took on a bigger role in the project.

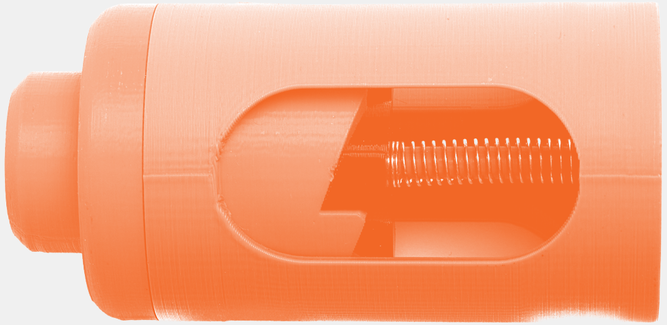
the way i wanted the effects to work was also quite different. instead of having lots of traditional tone controls, EP–35 has a collection of different genre-based settings and presets that give you a particular character or sound. özüm was the person who turned those ideas into actual sounds. he created the core of the effects, and tengan and the others did the polishing, fine-tuning and finishing work.

özüm, who lives in türkiye, came to sweden during the first year of software development. he stayed for about a week, and we basically locked ourselves in the studio. that became the basis of everything. we spent a whole week in the studio, from nine in the morning until eleven at night, and then went for a beer afterwards. it really sped up the process. sometimes frustrations grew a bit, but i think that was quite useful in this case. it was a bit like being in a band. when you're touring, you might be exhausted, but you still enjoy being together. it was more that kind of relationship than a purely professional one. he kept being a big help whenever we needed him, even after he'd gone back to türkiye. making such a unique product with an old friend feels great.

HOW DO YOU FEEL NOW THAT IT'S ALL DONE?

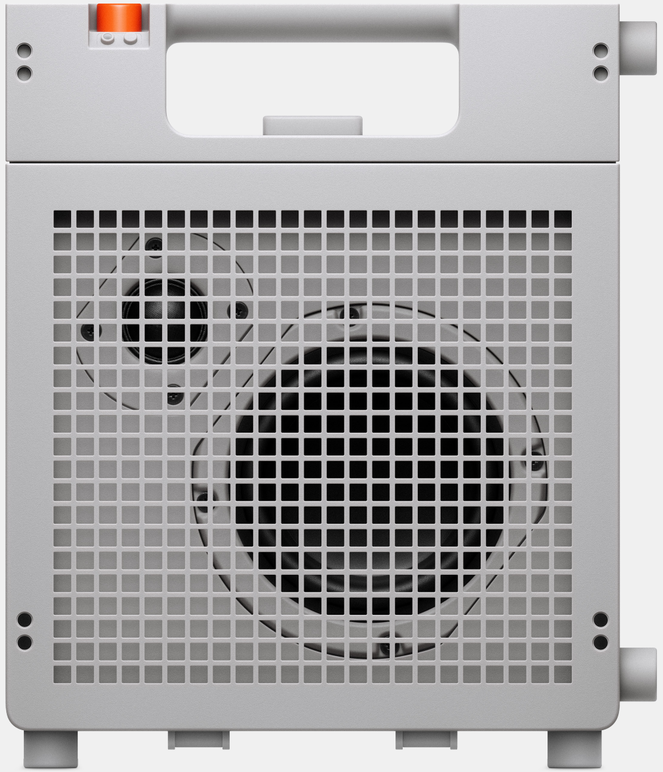
overall, it's been a very long process, but it's been a lot of fun to see the product develop from an initial idea into something that can actually go into mass production. there are always small things you wish you could change or improve, but i'm very happy with what we've made and proud to have been part of the process.

before saying too much about what comes next, i'd like to see how people respond to it. but we do have plans. it could involve mixing capabilities, i think that's one of the biggest areas where we could improve it, or something else. we might also have more accessories for the EP–plug. there are lots of possibilities there.



PROTOTYPE FOR POWER BUTTON, INSPIRED BY MECHANICAL PEN MECHANISM

1



2



3



4



5



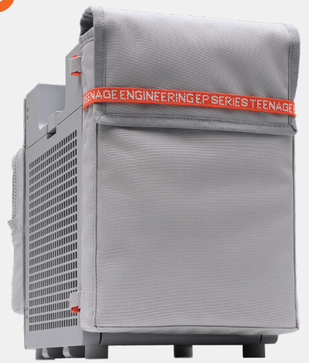
6



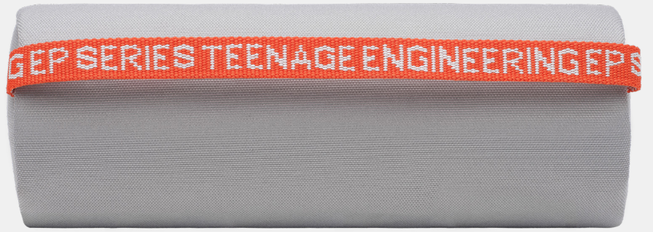
7



8



9



10



11



1 EP—35

a portable instrument amplifier, bluetooth speaker and usb audio interface. connect guitar, microphone, line-in, bluetooth and usb audio at the same time, with eight built-in fx presets for both guitar and microphone. use it for playing, practicing or listening. broadcast bluetooth audio to multiple EP–35's for stereo or larger setups. it has a built-in handle, storage compartment and even a camp light

$399

2 K.O.—PEDAL

expressive foot pedal controller with two pressure-sensitive buttons for hands-free guitar and mic effects on EP–35. it also handles live looping, metronome and audio playback, with a 3.5 mm expression input for volume adjustments. the pedal also works with other gear, hopefully things you already own.

$99

3 USB DRIVE

the 16GB usb drive comes preloaded with two sides. side A holds instrumental backing tracks, while side B has drum loops, live breaks and electronic beats ranging from 65 to 199 bpm.

$29

4 AMPTENNA

fm radio receiver for EP–35. connect it to the ep-plug port to turn it into a portable radio.

$29

5 HANDY MIC

compact XLR electret condenser microphone with a push-to-talk button and curly cable for extra reach. plug it into EP–35 for vocals, karaoke or whatever needs saying a little louder. the cable extends up to 1.5 m and the mic rests neatly on the handle when not in use.

$29

6 K.O. DOCK KIT

includes 4 clips and a 90mm 3.5mm cable to attach one full-size or two half-size EP devices directly to EP–35 with the ep-grid system™.

$15

7 STRAP

with two locking attachments that snap onto the handle of EP–35, this handy strap lets you carry EP–35 it while keeping your hands free.

$19

8 POCKET BAG

the pocket bag snaps directly onto the side of EP–35 with four clips. designed to carry your gear, the main compartment holds one full-size or two half-size EP series devices, with a zip pocket in the cover for storing cables or other small accessories. detach it from the EP–35 to use it as a standalone bag.

$79

9 CYLINDER BAG

the cylinder bag fits inside the storage compartment of EP–35. made to hold USB drives, cables, pens and other small items, it features a zip closure and webbing handle for easy access.

$35

10 EYELET BAG

the eyelet bag attaches to the side of EP–35 by slipping the eyelets over the four silicone feet. it features multiple compartments for the pedal, mic, cables and other small accessories, and closes with a zip. concealed front pocket behind the logo webbing.

$79

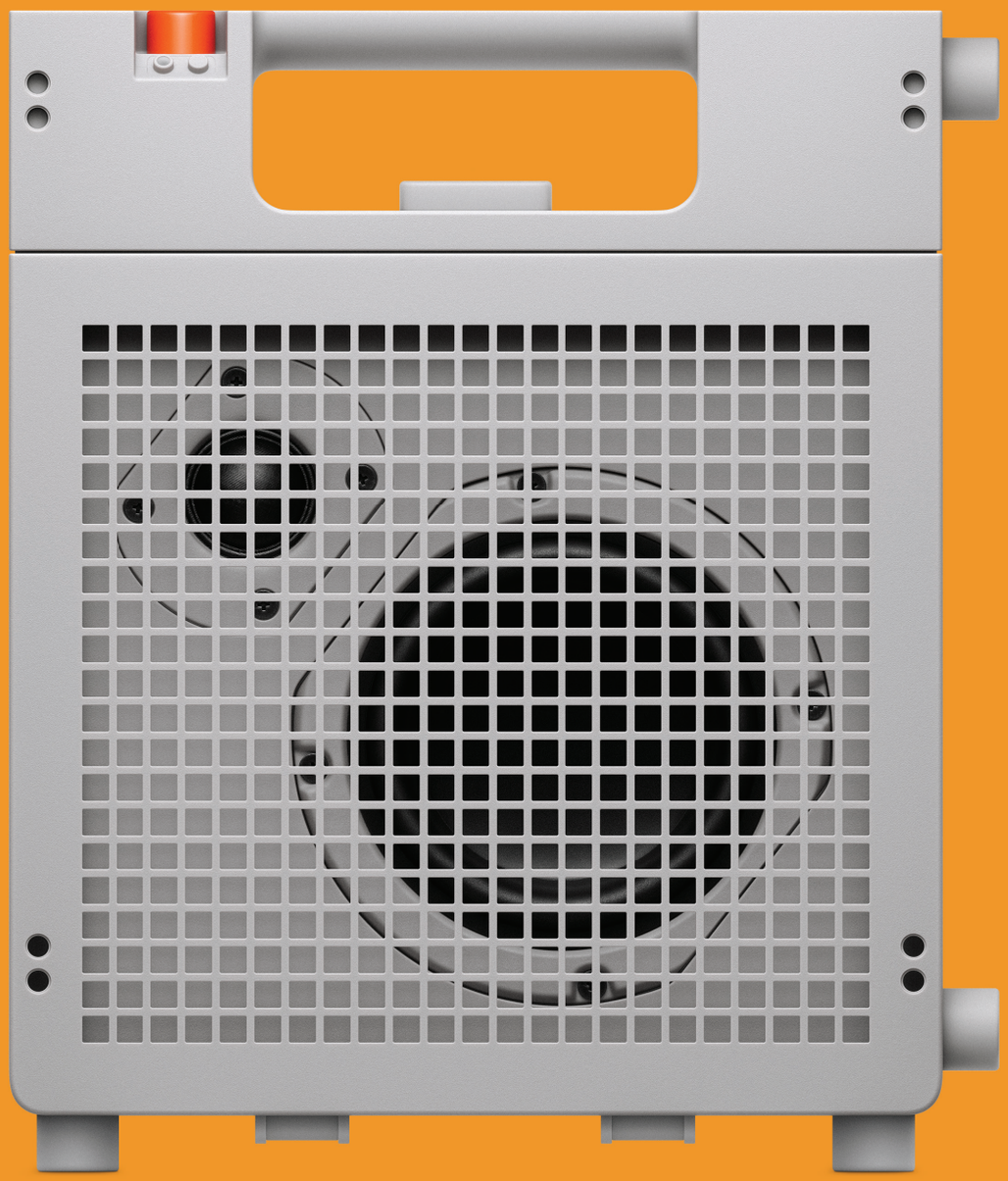
11 GUITAR CABLE

a 3 meter long, grey 6.35 mm textile cable for connecting your guitar to EP–35 or any other standard guitar setup.

$29

explore more at:
teenage.engineering/store

teenage
engineering™



TE032TX001

EAN 7350176111431