

The worlds leading automated tracking system

Introducing the newest member of the *zactrack* family



The magic of tracking

With **zactrack**, tracking magically advances to a multi-technology system, combining light, sound and video into a centrally controlled total work of art—completely and simultaneously via one single product. With this, **zactrack** heralds a new era of dynamic human centric show effects with no limits to the field of application: concert touring, in

the TV studio, in the theater, in churches or for elaborate installations: **zactrack** offers the right solution for every production – to achieve a fully immersive audience experience on many sensory levels.

As part the pioneering and engineering process of developing new automated

tracking products, **zactrack** identified early on that automated tracking solutions form another layer in the design process of a show. So, in addition to functional uses, a new creative use offers the designer a new tool or element to their show design. Giving the designer an additional playful and creative element that enhances their show.

Why do shared values matter?

All **zactrack** products share the following core values and technologies to allow simultaneous real-time tracking across any stage technology such as lighting, audio, video, cameras, and stage automation – all from one system:

Our use of ultra-wideband radio means our products can be used with normal stage materials such as truss, wood, and cloth or even in varied environmental conditions such as rain, bright sunshine, fireworks, snow, haze, etc. There are no compromises!

The unified software suite allows users to learn one application and work with any of the **zactrack** products easily and intuitively. Patented software uses

prediction mathematics to deal with different speeds and paths of performers, allowing these tracked subjects to now have the **Freedom to Move** and improvise movements with all the stage technologies **zactrack** reliably controls.

zactrack products are agnostic and happily work with any industry brand and technology, due to their adoption of many standard industry protocols – the products work with any console, fixture,

media server, immersive audio, etc. Third party software and applications help to integrate it with generic audio devices or even PTZ cameras. The result of these shared values results in stable, accurate and precise tracking with the user or operator remaining in full control to incorporate tracking in all or only parts of their show. The quality of tracking is maintained no matter which **zactrack** product you choose.

LIGHT



SOUND



VIDEO



CAMERA



STAGE
AUTOMATION



The next technological leap in tracking is here

The latest product to the **zactrack** portfolio, **zactrack mini** is now ready for action. Your newest tracking solution now comes in a briefcase sized case for easy transport and deployment by one person!

zactrack mini embraces the core **zactrack** values and puts this tracking solution in a smaller form factor with battery operated components and wireless connectivity for an even faster and easier setup. The user experience is at the heart of **zactrack mini**.

Smaller venues, exhibitions, individual performers, rental companies, house of worship are only a small number of the broad applications for our new smaller friend. With this new system helping to introduce tracking to new users and smaller spaces, **zactrack mini** will also be a more economically viable solution for many users too. Tracking and following is now opened up for any application, designer or performer to embrace and use.

zactrack mini can be physically setup in minutes. A Master Anchor forms the nucleus of the **zactrack mini** infrastructure. This Master Anchor has four uses in one box, already simplifying the system for the user and removes the need for additional hardware previously needed such as the wireless access point, DMX Node and network switches. Five smaller Anchors complete the deployed antenna array or cell, giving us a tracking or performance area of 15 x 15 metres. **zactrack mini** gives us 2.5 D tracking, so the Z height is achieved with using height offset—easy to use instantly on the tablet or on a console fader! To help with Anchor deployment and positioning, your **zactrack mini kit** includes small tripods that secure directly onto the Anchor housing.

The 5 trackers included in a **zactrack mini kit** are used on your stage floor for fixture alignment (tracker calibration discs and charging station included too).

USB-C chargers are also included in a **zactrack mini kit** for all components, most importantly those have replaceable multi-region plugs in the kit too. Now you can take your portable, battery powered tracking solution anywhere in the world and get straight to work!

zactrack mini can be used stand-alone or can be integrated to use with an industry standard lighting console, maintaining that hands-on creative control for the designer and operators.

What is in a **zactrack mini kit**?



Every **zactrack mini kit** with case includes:

- 1 x Master Anchor
- 5 x Anchor
- 5 x Trackers
- 1 x Charger (holds five Trackers)
- 4 x Tracker Calibration Discs
- 7 x USB-C Chargers with Multi-Region Plugs
- 6 x Tripods



zactrack mini Master incl. power supply

- 4-in-1 uses – Master Anchor, Server, Wireless Access Point & DMX Node
- Up to 32 Fixtures
- 6.24–6.74 GHz UWB active radio antenna
- 190 x 207 x 36 mm, 680 g, IP50
- Neutrik etherCON RJ45, Neutrik XLR 5 pole & USB-C
- 3 hours battery life
- 3 hours charging time (100 %)
- Rig mounting plate for clamp and safety line



zactrack mini Anchor incl. power supply

- 5 Anchors to mount around the stage
- 6.24–6.74 GHz UWB active radio antenna
- 140 x 140 x 35 mm, 290 g, IP50
- USB-C
- 16 hours battery life
- 2 hours charging time (100 %)
- Rig mounting plate for clamp and safety line



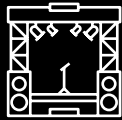
zactrack mini Tracker

- 6.24–6.74 GHz UWB active radio emitter
- 35 x 60 x 10 mm, 26 g, IP65
- up to 5 active Trackers (16 Hz)
- up to 15 active Trackers (6 Hz Audio only)
- up to 60 inactive Trackers
- 4 hours battery life (active)
- 20 hours battery life (inactive)
- 2 hours charging time (100 %)

Applications



THEATER &
MUSICAL



CONCERT &
TOURING



CORPORATE &
TRADE SHOW



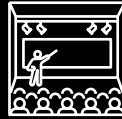
HOUSES OF
WORSHIP



TV STUDIOS



CRUISE SHIPS



EDUCATION











AMUSEMENT
PARKS

Product comparison

 **zactrack[®] PRO**

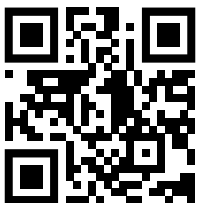
 **zactrack[®] SMART**

 **zactrack[®] mini**

	Performance Space	Football field	30 x 30 x 30 m	15 x 15 m
	Tracking Type	3D	3D	2.5D*
	Trackers (Active)	~50	10	5
	Trackers (Inactive)	~100	60	60
	Anchors	~25	11	6
	Fixtures	∞	64/256**	32
	Protocols	DMX (ArtNet, sACN), OSC, MSC and PSN		
	Software	Same software app across the product family		

* **zactrack mini** gives 2D tracking with height offset (via tablet or console) allowing Z axis manual control

** Main server does 64 fixtures, adding a backup server expands this to 256 fixtures



zactrack International GmbH
Sales, Service, Training and Support

An der Talle 24-28
33102 – Paderborn, Germany
+49 5251 1434 700
sales@zactrack-international.com

We'd love to hear from you!

Whether you're keen on features, a demo or even press – we are ready to answer your questions.

www.zactrack.com