

**INVICTUS
GAMES**
DÜSSELDORF 2023

PRESENTED BY



FREQUENCY MANAGEMENT PORTAL

**A
HOME
FOR
RESPECT.**

1. GENERAL INFORMATION

To provide interference-free operation of wireless equipment during the INVICTUS GAMES 2023 in Düsseldorf it is mandatory to register all wireless operation devices in advance.

For the INVICTUS GAMES 2023 in Düsseldorf venues and the Areas, all frequency requests, allocation, payment, and licensing will be managed centrally by the **INVICTUS GAMES** Frequency Management Portal. The application for devices and frequencies to be used at the venues is mandatory.

This applies for **all frequencies listed in paragraph 3**, including devices which are not notifiable in the host countries (e.g. PMSE-Audio below 50mW).

Dates and deadlines for the venue:

- The portal will open on 01.06.2023.
- Regular period: Deadline for *coordinated allocation* for areas is the 18.08.2023.
- Frequency license issuing from 15.07 2023 onwards.
- Late request period: from 19.08.2023 onwards: The portal remains open, applications will be accepted until the 'last minute', authorities will try to allocate the best possible.

2. USING THE INVICTUS GAMES - FMP

All frequencies for the venue shall only be **applied for via the INVICTUS GAMES - FMP**.

- a) <https://www.freqcoord.com/>
- b) Go to *Login* or *Create Account* (a detailed description of the process can be found at the end of the document).
- c) [Online User Manual](#) for information about the registration process.

In the case that a frequency user already holds a frequency license – e.g., a permanent license (in the country of use), it is still mandatory to enter and announce these frequencies in the INVICTUS GAMES -FMP.

In the portal, it is possible to indicate a frequency as already licensed (free of charge).

Frequencies used at the event within the stadium security perimeter which have not been announced and not coordinated via the INVICTUS GAMES -FMP prior to the event could be subject to change or switched off at any time.

Any infringement can further lead to losing access rights to the venue.

A separate request will be necessary for each:

- location of use
- end user/client

3. REGISTRATION PROCESS FOR WIRELESS DEVICES

The following devices are mandatory to be registered via the INVICTUS GAMES -frequency management portal (FMP):

- Wireless microphones
- In-ear monitor systems
- Wireless intercoms
- Walkie talkies (PMR)
- Telemetry
- Wireless cameras
- SNG Uplinks

For devices with a license obligation in the host countries, INVICTUS GAMES will apply for the licenses.

Please note that it cannot be assumed that the frequencies requested will be granted.

Please note that PMSE-Audio (below 50mW) must be applied for via the INVICTUS GAMES -FMP -FMP even for venues where there is no license obligation for this equipment group. This will be coordinated by INVICTUS GAMES Team.

The obligation to register also applies to devices using DECT-Standard (e.g., Sennheiser AVX, Riedel Bolero).

For additional information & questions, please feel free to contact:

- The [Online User Manual](#)
- frequenzmanagement@invictusgamesduesseldorf.de (please do not send frequency requests via email)
- Hotline +49 211 58642704 (Office hours)

4. WIRELESS DEVICES WITHOUT OBLIGATION TO REGISTER ON FMP

The following devices do not need to be registered:

- 4G/5G wireless transmitters (e.g., Live View)
- Wireless triggers of photo cameras
- Wi-Fi access points

5. RATE CARD FOR FREQUENCY MANAGEMENT

The license fees of the frequency authorities are paid by INVICTUS GAMES without extra charge. Please note that the prices for notifiable frequencies vary between hardware spec. For each request, INVICTUS GAMES charges no handling fee. If a device is not notifiable by the national frequency authority, INVICTUS GAMES will get back to the subscriber.

6. ON-SITE OPERATIONS

Test and Tag

All wireless devices will be checked on-site before use. All checked devices will receive a validation sticker. These stickers must remain on the equipment for the duration of the requested period of use. Stickers can be collected at the designated desk in the Media Centre, or in the frequency management container/office.

Anyone using wireless devices without registration or the sticker risks losing their accreditation in accordance with the accreditation terms and conditions.

Spectrum Monitoring

Before and during the event, the spectrum will be permanently monitored by the frequency management team in cooperation with the national frequency authorities.

Spectrum Issues

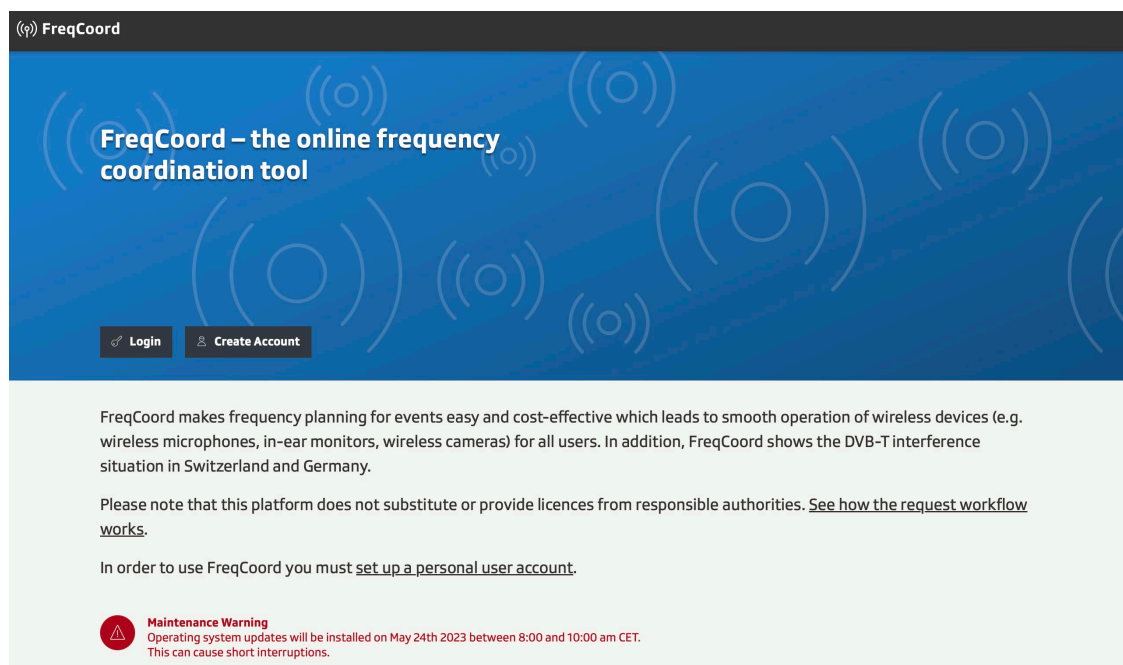
All issues with assigned frequencies **must** be reported to:

frequenzmanagement@invictusgamesduesseldorf.de

Hotline +49 211 58642704

7. SHORT STEP-BY-STEP

a) <https://www.freqcoord.com>



b) Create Account

For the use FreqCoord you must set up a personal account. The account is free of charge. You can create an account by clicking on the "Create Account" button on the website.

When you create an account, the role "Individual User" will automatically be assigned to your account. If you belong to an already registered company or create

c) **Login** to your account.

d) **Search** for "Events" on the left navigation bar.

Events

Export + Add Event

Filters Countries

Event Name	Location	Event Date	Request Deadline	
Demo Event	8052 Zürich	September 12 - 16, 2020	September 10, 2020	🕒 📍 📄 🔗

1 Items per page 1 - 7 of 7 items

e) -> INVICTUS GAMES DÜSSELDORF 2023

FreqCoord
👤
🔄

- Home
- Events
- My Requests
- Manage Events
- Interference
- My Devices
- My Company

Events

Export + Add Event

Filter Germany

Event Name	Location	Event Date	Request Deadline	
Betriebsgelände Bocklemünd 2023	WDR BLM, 50829 Köln	January 1 - December 31, 2023	December 30, 2023	🕒 📍 📄 🔗
Europaforum & CiviS 2023	Bolle Festsäle, 10559 Berlin	June 6, 2023	June 6, 2023	🕒 📍 📄 🔗
CHIO 2023	Reitstadion Aachen, 52070 Aachen	June 22 - July 2, 2023	June 5, 2023	🕒 📍 📄 🔗
Finals 2023	Landschaftspark Nord, 47137 Duisburg	July 6 - 9, 2023	June 25, 2023	🕒 📍 📄 🔗
Kanu WM 2023	Kanu Regatta Verein Duisburg, 47055 Duisburg	August 23 - 27, 2023	August 5, 2023	🕒 📍 📄 🔗
INVICTUS GAMES DÜSSELDORF 2023	MERKUR SPIEL-ARENA, 40474 Düsseldorf	September 9 - 16, 2023	August 18, 2023	🕒 📍 📄 🔗
Frequenzmanagement Schauspiel Köln	Schauspiel Köln, 50667 Köln	January 1 - December 31, 2024	December 31, 2024	🕒 📍 📄 🔗

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	Show event details
	Zoom to the event on the map
	Copy this event
	Create a Request for this event

f) Create a Request for this event and update all the necessary information.

Demo Event
×

New Request

Request

Contact

Mode

Device

Submit

Create new Request

Please complete a separate request for each location of use.

If you use, for example, device 1 in location A and device 2 in location B, you need to create two separate requests.

If you use the same device in several locations, you only need to complete one request and choose the option "Multiple/All".

Please note that this platform does not substitute maybe necessary licensing at the responsible authority such as OFCOM or BNetzA.

Request Title* ①

Host Broadcast
▼

Location of Use* ①

Multiple/All
▼

Period of Use

Event duration: September 16, 2020, 00:00 - September 16, 2020, 23:30

Time Slot Preset* ①

entire event duration 16/09/2020 00:00 - 16/09/2020 23:30
▼

Period of Use Start* ①

16/09/2020 00:00

📅
🕒

Period of Use End* ①

16/09/2020 23:30

📅
🕒

> Continue

g) Add Device

This area will guide you true the process to fill up all the important and necessary information to submit your request.

My Requests > Demo Event

Host broadcaster

+ Add Device + Add Device Group Submit

Wireless Microphone

Mic 1 - Waiting
Sennheiser SKM-5200 II N
B1 CH1 - 614.525 MHz

Mic 2 - Waiting
Sennheiser SKM-5200 II N
B1 CH3 - 615.125 MHz

In-ear Monitor System

IE 1 - Waiting
Wiscom MTK952 M
624.275 MHz

IE 2 - Waiting
Wiscom MTK952 M
633.625 MHz

Walkie Talkie

Floor Manager - Waiting
Motorola DP3600 UHF1 - AL - HD1-3
455.8875 / 465.8875 MHz

Technician - Waiting
Motorola DP3600 UHF1 Simplex
428.600 MHz

Create Device

Channel Name* ENG

Equipment Group* Wireless Microphone

Device Brand* Sennheiser Device Type* SKM-5200 II

Device Range* L Tunable* Variable

Tuning Range from* 470.000 MHz Tuning Range to* 638.000 MHz Tuning Steps 5.00 kHz

Preferred Frequency* 582.400 MHz TX Power HI - 50 mW

Cancel Save

Please note: Your request will only be sent to the frequency manager by clicking the submit button.

Useful tip

To allow frequency requests to be submitted quickly and easily, details of the most common devices on the market are already stored in FreqCoord. You or your company's HF Officer can enter additional [device presets](#) under "**My Devices**" in the main menu. Once all the device parameters have been saved as a device preset, you can use them in future requests. [Device groups](#) can also be created under "**My Devices**". Entire sets of devices can thus be preconfigured.

For any additional information or support please visit:

<https://www.freqcoord.com/UserManual>

or directly contact the support team.