# raditeq

# Quick Start Guide



# RadiGen® Signal generator

**Models:** RGN2400A | RGN2006A RGN2006B

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# RadiGen<sup>®</sup> Quick Start Guide

### How to connect the RadiGen®



Connect either the LF or HF output to the device, switch the RadiCentre® on, Proceed to the RadiGen® 'control screen' to configure the RF signal.



### RadiCentre<sup>®</sup> - Control

Frequency		Level		Carrier	Home	Carrier	
6.000 000 000 GHz Stepsize: 10.000 000 MHz		-20.00 dB	Stepsize: 1.00 dB	Off	RadiSense 0.00 V/m		
<b>↓ Down</b>		<b>₽</b> Down			RadiField Off	7	
Modulation type AM		Frequency Depth 1.000 kHz 80.0 %		State Off	RadiPower -51.8/-22.3 -66.9/	4	
Pulse ON time <b>200.0 ns</b>		Pulse OFF time 200.0 ns		Pulse Off		1	
Pulse count 50 Counts		Pulse gating Period 1.0 s		Pulse Gating Off		_	
		1: Full-band	2: Low-band	🚫 Setup			

Carrier fi	requency	6.00						
Valid range starts from 9.0 kHz to 6.0 GHz								
7	8	9	GHz	Exit	RadiField Off			
4	5	6	MHz	Clear	RadiPower -51.8/-22.3			
1	2	3	kHz	Bksp	00.11			
_	0		Hz	Stepsize: 10.000 000 MHz				
	<b>↓</b> <u>D</u> own		÷					

Sasic changes to the generator settings are done in the control screen.  $\checkmark$  Press the settings to prompt numeric window where the changes can be made. S Increase or decrease the frequency and level, step by step, with 'up' and 'down'  $\checkmark$  Press 'config' to enter the device configuration screen for more detailed configuration.

### How to configure the RadiGen® in RadiMation®

- 1. Start the latest version of RadiMation<sup>®</sup>;https://www.raditeg.com/radimation-download/
- 2. Select the button 'Devices' at the top menu bar, followed by clicking 'Configure';
- 3. In the configuration screen select 'Device Drivers' and Select 'Signal Generators' as driver type;
- 4. Click the 'Add' button to open the selection of available drivers in RadiMation®;
- 5. Enter 'RGN' in the search bar which will show all available RadiGen® drivers;
- 6. Select the correct driver, double click (Optional, rename) and press 'OK'.



### Connecting the RadiGen® to the RadiCentre®

- 1. Select the recently added RadiGen® Driver
- 2. Select 'Advanced'
- 3. Click on the tab 'RadiCentre®'
- 4. Under device identification select the RadiCentre® slo number the RadiGen® Card is in
- 5. When the correct slot number is chosen continue to checking the RadiGen®

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Configuration	Window	Help			
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Raditeq RGN023	30A				
Radited RGN240	DOA				
Radited RGN600 Radited RGN600	DOB	6			
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		Correcto Purpose Output O	o Files Correct orrection	ton file	Panty: Stop bits: Send termination: Receive termination:	None 1 bit None None	

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### How to check whether the RadiGen<sup>®</sup> is connected to RadiMation

For the best experience make sure that the most recent RadiMation<sup>®</sup> update is installed. Make sure that all Equipment is correctly connected and turned on.

- 1. Select Devices in the top menu bar
- 2. Open Device Drivers and select Device driver Type: Signal Generators
- 3. Double Click the Recently configured RadiGen® or click edit.
- 4. Finally select the Check button on the right side of the opened screen.
- When correctly Configured RadiMation will notify you that the device was installed correctly. 5.

File	View	Devices	Test-Sites	Calibration	Tests	Configuration	Window	Help		
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	Units Director	ies Device Driv	rers 2 🛛	ataba		Value				Ok
	Device Driver Type	Signal generato	ors	Brand	4	Radited				
	- Available Device	Drivers		Descrip	tion	Raditeq RGN023	30A			Cancel
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	<b>) )</b>			Hardwa	re Version					Check
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### Important information

When you need support with the configuration of your Radi-Product in RadiMation®, please consult the RadiMation® support team at: Support@radimation.com.

It is also advised to visit the RadiMation® Wiki page and the FAQ section, which can be found at: https://wiki.radimation.com



Read the contents of this product manual carefully and become familiar with the safety markings, the product instructions and the handling of the system. Please refer to the applicable product manual(s) for further information regarding the operation and control of the product(s).





This equipment is designed to be used as a plug-in card for the RadiCentre® series. Do not use this card on its own or in combination with any other mainframe. Using this product with any other mainframe can cause harm and will void warranty.



Only qualified maintenance personnel are allowed to perform maintenance and/or repair the equipment.



This product® contains materials that can be recycled and reused to minimize material waste. At the 'end-of-life', specialized companies can dismantle the discarded system to collect the reusable and recyclable materials. If your product is at its 'end-of-life', please return it to your local reseller or to Raditeg for recycling.



This product contains no hazardous substances as described in the RoHS Directive (2011/65/EU).



This product contains embedded software, which is field upgradeable from the RadiCentre® using the USB-A connection port on the backside panel of the RadiCentre®. For more information about updating your Raditeq plug-in card, please read the RadiCentre® manual.

Please keep this Quick Start Guide close at hand when you operate your Raditeg equipment and instruments. For more information, please consult your product manual or visit www.raditeq.com Be advised that visuals used as an example and may differ from your product version. Copyright © 2008 – 2021 Raditeq B.V.

This product contains no hazardous substances as described in the RoHS Directive (2015/863/EU).

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RadiMation

Electric Field Generators

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