

Things You Can Do with Amateur Radio

EXPAND YOUR WORLD...

Transmit your voice, text, images and live video to distant and unusual locations.

Communicate globally without relying on the internet or mobile phones.

Create your own 'internet' when traditional networks fail.

Build a network of radio enthusiasts and send instant messages over your radio.

Connect with fascinating people across the country and around the world, both on the airwaves and in person at amateur radio events.

Dive into the science behind WiFi, smartphones, Bluetooth, and cutting-edge wireless technologies.

Discover how radio technology is utilized in space Exploration.

Communicate via satellites or even talk with astronauts aboard the International Space Station.

Master the art of sending messages in Morse code.

Participate in transmitter hunts and become a signal-detecting expert.

Explore innovative radio-internet hybrid communication methods and weak signal technologies.

Try Radio Sport where you compete against yourself or the best of worldwide operators.

Competing on-air for diplomas and awards.

Send messages across the globe using less power than a standard lightbulb

What is Amateur Radio?

- It's electronics
- It's making friends worldwide over the airwaves
- It's communicating through satellites
- It's sending messages in morse code
- It's construction of antennas
- It's radio sport contesting
- It's using technology for emergency support
- It's challenging oneself
- It's fun



Electronic construction

The thrill of building your own radio and then making a contact with the far side of the world is not something everyone will experience. A range of projects to build, from Arduino based to transmitters and antenna, the choices are limitless.

Radio history in Ireland



There is a long history of radio in Ireland going back to its inception, Guglielmo Marconi's work in Ireland was crucial to early radio history. In 1907, his Clifden station in County Galway transmitted the first wireless signals across the Atlantic.

Radio Museums around Ireland

HURDY GURDY MUSEUM OF VINTAGE RADIO

Martello Tower, Howth, Dublin, D13 V099
sites.google.com/site/hurdygurdymuseum



COMPUTER AND COMMUNICATIONS MUSEUM OF IRELAND CLG

The Computer and Communications Museum of Ireland tells the fascinating story of key moments in the history of computing and communications.

IDA Business Park, Galway, H91 AEX4
ccmireland.com



SHANNON AVIATION MUSEUM AMATEUR RADIO STATION

You can visit an active Amateur radio station every Saturday at the Shannon Aviation Museum, hosted by the Limerick Clare Radio Club, hosted by the Limerick Clare Radio Club

shannonaviationmuseum.com

limerickclareamateurradioclub.ie

Resources

YOUTH PROGRAMS

YOTA: YOUTH ON THE AIR

Brings together youngsters at events such as the YOTA summer camp where they learn and exchange about all aspects of amateur radio.

 ham-yota.com



RADIO SCOUTING IRELAND

Bringing electronics, communications and other STEM elements into scouting in a fun and educational way. As part of the scout program youth are given the supervised training to linking their scout troop with others across the world.

 radioscouting.ie



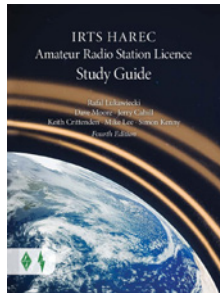
RESOURCES FOR TEACHERS

Full educational guides to radio communication over satellite can be found on scoilnet.ie.

EDUCATION & TRAINING

NATIONAL SHORT WAVE LISTENERS CLUB

The club runs a free online training program over the Zoom platform where students are taught basic electronics and construction techniques. To accompany this, we have developed a training guide, broken into training chapters for the student to follow. A printed copy can be purchased through the IRTS or downloaded for free from our website. Classes are open to all and each student is paired up with a mentor to assist with any issues.



To book a place on the course, go to swl.ie



RADIO ACTIVATION PROGRAMS

SOTA / POTA

Whether you like hill walking or parks there is a way to bring an interest in radio to both. These worldwide programs allow radio amateurs to take their radio equipment on the move and challenge their skill level by making contacts from unusual places.

With a points scoring schema in both programs adds to the challenge of making number one in either your club, Ireland or further afield.

 sota.org.uk  parksontheair.com

WANT TO KNOW MORE?

Visit our website where you will find details such as local clubs, Contact information and more details on the history and activities of our wonderful hobby. Or, read through our free back catalogue of publications.

Find a club near you; we have a list of local clubs throughout the country available to assist.



irts.ie

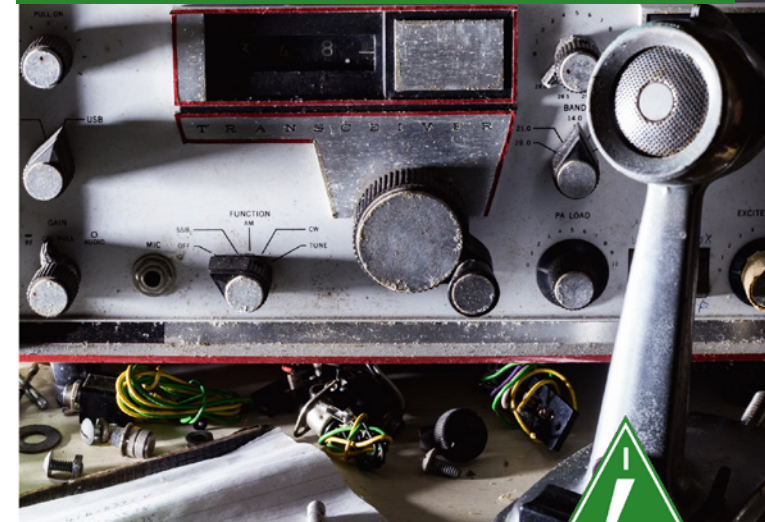


AMATEUR RADIO

Is that still a thing?

Over 3 million worldwide say YES!

You are never too young to start to have fun, some of us never stop.



Irish Radio Transmitters Society



IRTS is the member for Ireland of the International Amateur Radio Union (IARU), which has over 160 national amateur radio societies as members and represents the interests of the Amateur Radio Service worldwide.

 irts.ie

Promoting the study and enjoyment of amateur radio in Ireland since 1932

