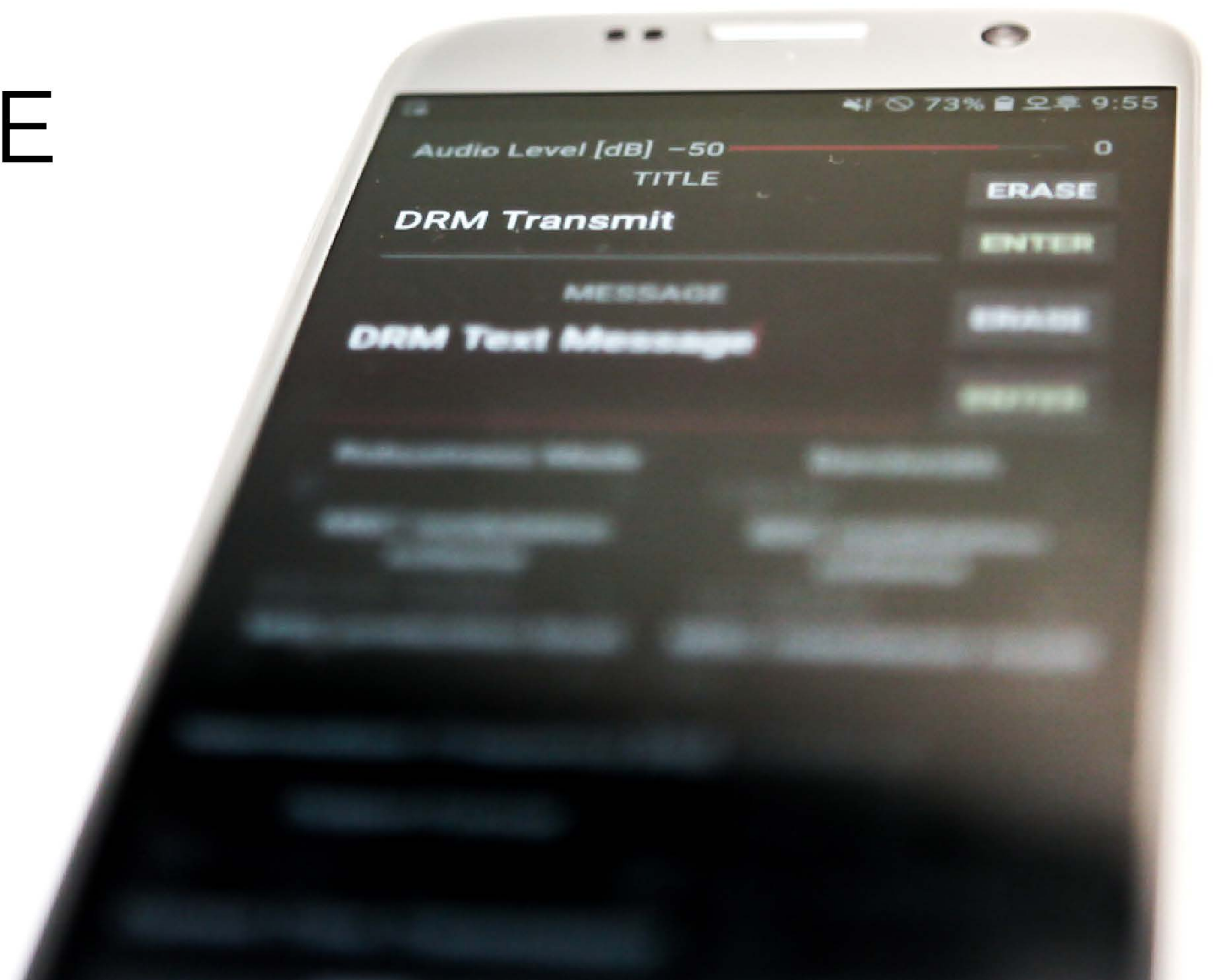


DIGITALIZE SHORTWAVE

VISUALIZED WAVE

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What is DRM ?

Digital radio technology to broadcast and receive sound, text and images in remote areas without internet.



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DRM + App

HE-AAC, OPUS, and xHE-AAC decoders are included, and Journaline, Slideshow, Broadcast Website, File Broadcast functions on mobile phone app.

Decoding the DRM signal generated by DRM TX, transmitted by RF modem, and received by RTL-SDR USB Dongle.

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DRM TX App

- Encoding the DRM signal that is generated by DRM TX app.
- DRM signal generated with OPUS Encoder.
- Sound and Text are encoded in DRM TX App.
- It is applicable for HAM Armature to transmit and receive sound and text using their transmitter and receiver devices.

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DRM Modem App

RF Modem and RTL-SDR dongle are used for wireless DRM communication between smartphone and smartphone at 3000 feet range.

We applied RF Modem and RTL-SDR Dongle as a local broadcasting transmitter.





DRM + SDR App

- SW DRM signal tuning & reception.
- Decoding the DRM signal that is received by a RTL-SDR USB Dongle.



DRM + Msi App

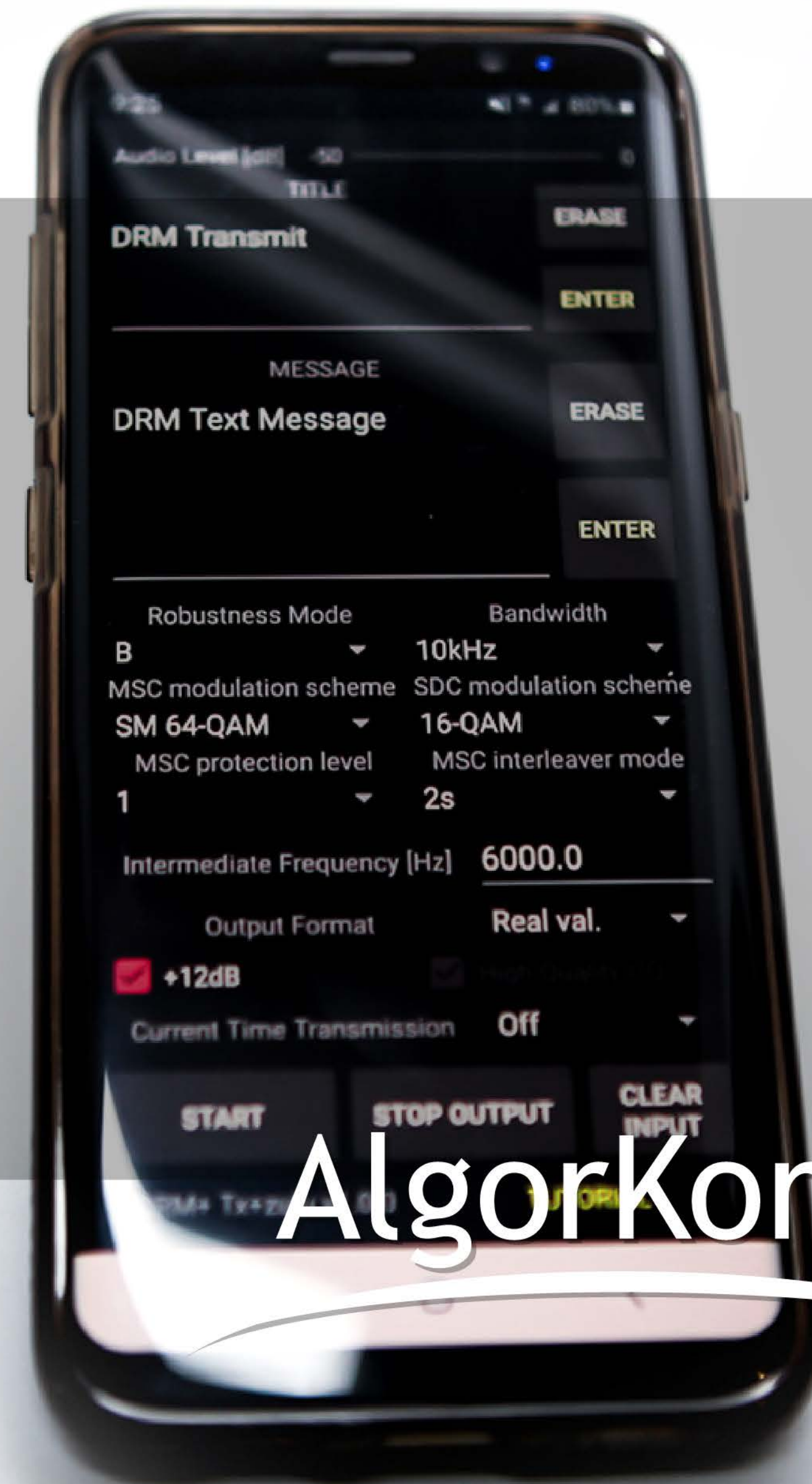
- SW DRM signal tuning & reception.
- Decoding the DRM signal that is received by a Msi.Panadaptor Dongle.

Scanning...

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What Frequency Band is used?

Transmission and
reception of 1 ~ 30
MHz short wave
(SW) radio
frequency signals.



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How is DRM radio organized?

RF signal analog receiver (antenna, tuner, demodulator, amplifier) and digital signal processing (DSP) processors.

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VS Traditional DRM radio?

All you need is a RF
analog signal receiver
and a mobile phone.
DRM signals are
decoded in Android
Phone / Apple iPhone.



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DRM + App

Decoding the demodulated signal of the RF analog receiver output connected to a mobile phone.

*All you need is
a RF analog
signal receiver
and a mobile
phone

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DRM Modem TX App

1. Sound and text are compressed by OPUS encoder.
2. DRM signal is generated from the encoded data.
3. The DRM signal is transmitted by RF Modem.



DRM Modem RX App

1. DRM signal is received by RTL-SDR Dongle
2. The DRM signal is demodulated resulting encoded bitstream data.
3. The encoded data is uncompressed by OPUS decoder.



DRM is the answer

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No more 1:1 Bluetooth technology.
DRM is perfect for group communication.



Perfect communicating tool
without the Internet. Useful at
churches' pulpits, between
different floors of multi-plex
buildings, or even at isolated area.

For example, wireless tweeters are
possible. For this, DRM Modem
App can realize 1: N or N: N
communication.

DRM is the answer

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Using the DRM TX App and DRM+ App, anyone can exchange text, pictures, or even sound fast and easy.



No more wasting to upgrade devices. DRM technology can be applied and extended to any analog radios and mobile phones.



DRM Modem helps you easier both to hear and to see.