

Small Scale DAB

Strengthening the
broadcast ecosystem

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Enabling DAB+ Radio for every radio station



Critical Criteria are not compromised

Small Scale DAB multiplexes:

- Follow the DAB+ standards (EN 300 401 etc.)
- Implement the same functionality as established multiplexes
 - Slideshow, DLS, Announcements, Service Linking / Following
- Must transmit within the critical mask
- Consider adjacent channel interference issues (“blocking”)

For a listener, a DAB+ service on a Small Scale multiplex should not be any different than any other DAB+ service

Accessible Engineering

Establishing a cost-effective cost-benefit balance:

- Less redundancy
- Generic “small business” broadband Internet connectivity
- Simpler antenna arrays
- Non-traditional transmission sites



Cities & Rural Locations

Small Scale DAB works
in big cities and rural
locations

“Small” isn’t the best
descriptor - rural sites
run >1kW ERP



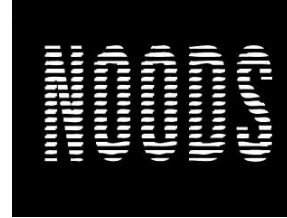


What Small Scale DAB Means for Listeners

Bristol Digital Radio - 16 stations



Community Radio Simulcast



Local Online



National Stations





Small Scale DAB - across the UK

3 National multiplexes

42 “Local” multiplexes

108 Small Scale DAB Multiplexes launched

- 1,152 radio services carried on small scale DAB multiplexes

Ultimately around 150 small scale DAB multiplexes will be licensed

Small Scale DAB

Enables DAB+ for all kinds of radio stations, in all kinds of locations

Appropriate engineering / cost-benefit profile

Flexible, innovative and non-traditional implementations

Entirely compatible with “full size” DAB+ services

Compliments existing “full size” DAB+ services

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