

Features

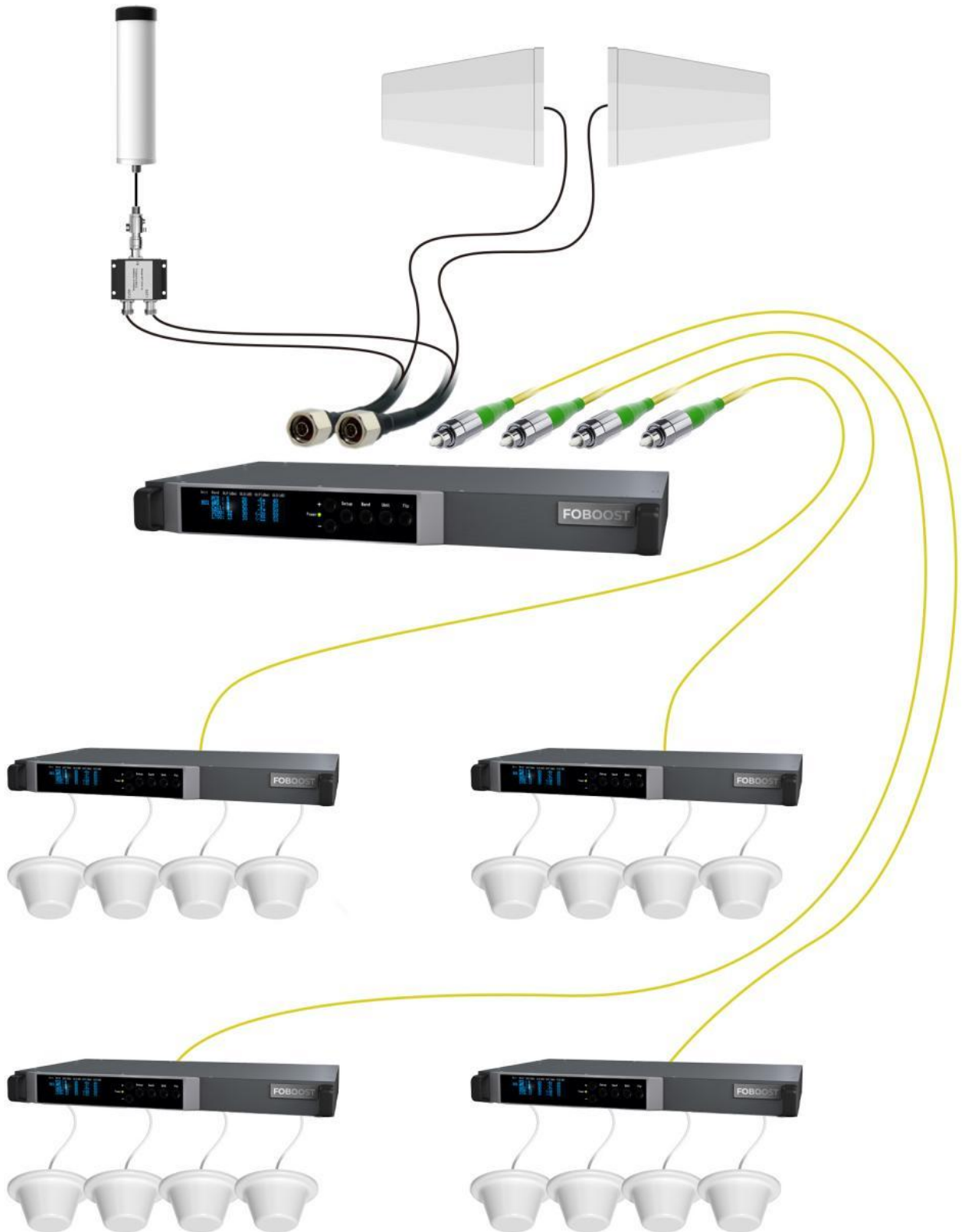
- Fiber optic technology, MU or RU installation distance can reach 20 km.
- MU can access up to 4 RU.
- MU or RU can monitor settings individually.
- MU dual antenna design, can be used with higher gain directional antenna to obtain stronger outdoor signals.
- RU 4 RF port design.
- Maximum uplink power of 23 dBm, downlink power up to 10dBm.
- Greatly reduces dropped calls, extends signal range, and increases data rates
- Allows multiple mobile devices to be used simultaneously
- Oscillation (or interference) detection and automatic shutdown
- Overload protection circuit – protects cell towers from being overloaded
- Amplifies signal both to and from the cell tower
- Works on all generations of 2G,3G,4G and 5G
- Power control logic ensures maximum gain is within cellular standards

SKU: FB014401MU

SKU: FB014401RU



System Configuration



Specifications

| | | | | | |
|--|---|--------------------------|-------------------------|--------------------------|--------------------------|
| Model Number | FiDAS-4400 | | | | |
| Connectors | N-Female | | | | |
| Impedance | 50 Ohms | | | | |
| Frequency | 698-716 MHz, 728-746 MHz, 777-787 MHz, 824-894 MHz, 1850-1995 MHz, 1710-1755/2110-2155 MHz | | | | |
| Power output for single RF port (Uplink) dBm | 700MHz Band12/17 20.0 | 700MHz Band13 20.0 | 850MHz Band5 23.0 | 1700MHz Band2 23.0 | 1900MHz Band4 23.0 |
| Power output for single RF port(Downlink) dBm | 700MHz Band12/17 10 | 700MHz Band13 10 | 850MHz Band5 10 | 1700MHz Band2 10 | 1900MHz Band4 10 |
| Max Gain | 72dB | | | | |

Main UNIT FB014401MU

| | DONOR ANTENNA 1 | | | DONOR ANTENNA 2 | |
|--------------------------|---------------------|------------------|-----------------|------------------|------------------|
| Uplink Gain (dB) | 700MHz Band12/17 | 1700MHz Band2 | 850MHz Band5 | 700MHz Band13 | 1900MHz Band4 |
| | 30 | | | | |
| Downlink Gain(dB) | 700MHz Band12/17 | 1700MHz Band2 | 850MHz Band5 | 700MHz Band13 | 1900MHz Band2 |
| | 40 | | | | |
| Power | 120V AC 0.2A | | | | |

Remote UNIT FB014401RU

| | | | | | |
|--------------------------|---------------------|------------------|-----------------|------------------|------------------|
| Uplink Gain (dB) | 700MHz Band12/17 | 700MHz Band13 | 850MHz Band5 | 1700MHz Band2 | 1900MHz Band4 |
| | 40 | | | | |
| Downlink Gain(dB) | 700MHz Band12/17 | 700MHz Band13 | 850MHz Band5 | 1700MHz Band2 | 1900MHz Band4 |
| | 30 | | | | |
| Power | 120V AC 0.2A | | | | |