CONTROLMASTER®

Digital data utilising existing communication networks

RCT Bridge

Although the analogue network has served its purpose well, the requirement for autonomous features is growing. Digital communications are required in order to enable larger volumes of information to be transmitted and received promptly to successfully deliver more features.

RCT Bridge is the stepping stone to full digitisation. Data is transmitted and received at 526MHz from the machine radio, then integrated to a PC in the ControlMaster® Automation Centre. It has the unique ability to integrate into an already existing analogue network, with the addition of some hardware at the Automation Centre and on the machine.

Adopting a digital data solution to the proven Analogue Yagi antenna network will deliver additional automation features, without the need to remove existing infrastructure. RCT's G-Dash, EarthTrack® Fleet Management and remote diagnostics will deliver further value to the customer with minimal investment or the need to move to a full-scale digital network.

Features

- Able to transmit large volumes of machine data
- No need to change any infrastructure on site, only small additions to machine and cabin
- Streaming data from the machine at .5Mbps
- Enables remote diagnostics
- Able to maintain maintenance friendly distributed antenna system
- Stepping stone to full digital communications without the need for an expensive upgrade and wholesale changes on site
- Enables the Control Master G-Dash Feature

Specifications

Voltage:	Multivoltage 9-32VDC
Frequency:	530.000 Mhz
Data Speed	.5Mbps
Power output:	1.5 W
Receiver Sensitivity:	-92.5 dBm

Reference: SBCM141217

RCT Powered by Epiroc

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