

NEWSPACE MARKET · COMPANY PROFILE



GDP Space Systems

United States · gdpspace.com

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as of 20 August 2026

ABOUT

GDP Space Systems

For nearly 50 years, GDP Space Systems and its sister brand Acroamatics Telemetry Systems have served the telemetry and flight test communities worldwide. The company provides reliable, innovative solutions including RF/IF telemetry receivers, demodulators, satellite modems, data acquisition systems, and range management software, holding ISO 9001:2015 and AS9100D certifications.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Extended Warranty & Support GDP Space Systems offers extended warranty programs for their products, providing continued protection for additional one-year periods, and fixed-price repair service for equipment beyond the warranty	Product Customization and Upgrades The company provides extensive customization support to tailor products to unique customer requirements and upgrades fielded equipment to meet evolving operational and technological needs.
Product Training Courses GDP Space Systems offers training courses, custom-tailored to specific requirements, covering individual products, industry trends, and various telemetry topics, taught by industry experts.	Software Updates The company provides software updates for its products to deliver increased performance, new features, and optimized functionality to customers.

PRODUCTS

Product catalogue



GDP SPACE SYSTEMS

Best Source Selectors

GDP's Best Source Selectors (BSS) are ground-segment units that acquire and enhance telemetry signals from moving sources like launch vehicles, using advanced algorithms to correlate

Performance Gain	Over 5dB
Model 2267C Input Data Streams	Up to 16
Model 2267C Output Processing Groups	Up to 6
Model 2266C Channels	Up to 8
Flight Heritage	Over 12 years of successful acquisition and enhancement for thousands of missions

[price on request](#)



GDP SPACE SYSTEMS

Bit Synchronizers

GDP Space offers a range of PCM Bit Synchronizers designed to reconstruct input data streams and recover the clock with high fidelity for telemetry ground stations, ensuring reliable

Performance	Better than 1dB from theory all the way down to -3dB Eb/No
Input Signal Levels	Down to 100mV
Data Rates	10 bps to 40+ Mbps
Configurations	Single or Multi-channel Rackmount Units, Single or Dual-channel PCI Cards
Model 2265 Channels	Up to 4 bit synchronizer channels
Model 2265 Chassis Size	2U
Model 2365A Channels	Up to 8 channels

[price on request](#)

[datasheet](#)



GDP SPACE SYSTEMS

Model 2265 Multi-Channel PCM Bit Synchronizer

Rackmount multi-channel PCM bit synchronizer housing up to 4 bit sync channels in a 2U chassis, with built-in BERT/frame sync.

Channels	Up to 4 per 2U chassis
Data rate	10 bps to 40+ Mbps
Sensitivity	Down to -3 dB Eb/No at 100 mVpp
Modulation support	QPSK, OQPSK, SQPSK
Form factor	2U rackmount, or single/dual-channel PCI card
Built-in functions	BERT / Frame Sync, Best Source DQE/DQM output

[price on request](#)



GDP SPACE SYSTEMS

Model 2265EC Multi-Channel PCM Bit Synchronizer / Encapsulator

High-performance multi-channel PCM bit synchronizer with data encapsulation for use with GDP diversity combiner / best source selector products.

Channels	Up to 4 per 2U chassis
Bit error/jitter performance	Better than 1dB from theory down to -3dB Eb/No
Minimum input signal level	100 mVpp
Data rate	10 bps to 40+ Mbps
Waveform support	QPSK, OQPSK, SQPSK merging
Built-in test	BERT / Frame Sync
Output	Best Source DQE/DQM output, direct Ethernet TMoIP encapsulation

[price on request](#)



GDP SPACE SYSTEMS

Model 2267C Multi-Channel Correlating Best Source Selector

The GDP Model 2267C Correlating/Diversity Combining Best Source Selector accepts up to 16 input data streams, each from digital data and clock or optional Ethernet output packets.

Input streams	Up to 16
Output groups	Up to 6 Best Source processing groups
Performance gain	Over 5 dB vs. single receive path
I/O	Direct Ethernet TMoIP, analog, or digital
Data compatibility	Encrypted or clear data

price on request



GDP SPACE SYSTEMS

Model 2365A Multi-Channel PCM Bit Synchronizer

8-channel PCM bit synchronizer in a 4U rackmount chassis with local touch-screen control.

Channels	Up to 8 per 4U chassis
Control interface	Local PC/mouse/keyboard, optional touch-screen
Data rate	10 bps to 40+ Mbps
Form factor	4U rackmount chassis

price on request



GDP SPACE SYSTEMS

Model 4426 2U/3U Digital RF Receiver Dual / Quad Channel

The GDP Model 4426 is a 3rd Generation Digital RF Receiver available in single, dual, or quad channel configurations, designed for telemetry signal reception and processing in a 2U

RF Frequency	S Band 2185-2485 MHz, Upper L Band 1700-1850 MHz, Lower L Band 1427-1545 MHz
Data Rate	50 bps to 10 Mbps (bit sync); up to 20 Mbps optional
Modulation	BPSK, QPSK, OQPSK, PCM/FM, SOQPSK-TG, Multi-H CPM, GMSK
FEC	LDPC, Viterbi, Reed Solomon
Noise Figure	< 10 dB
Dynamic Range	> 80 dB
Output	TTL, RS-422; optional IRIG-106 Ch-10 Ethernet

price on request [datasheet](#)



GDP SPACE SYSTEMS

Model 4460 Portable Digital RF/IF Receiver

The Model 4460 is a portable, lightweight digital RF/IF receiver designed for telemetry signals, featuring adaptive equalization, LDPC support, and multiple RF bands for downlink p

Chassis Dimensions	10.75 x 12 x 1.75 inches high
RF Bands Processed	S Band (2185 MHz to 2485 MHz); Upper L Band (1700 MHz to 1850 MHz); Lower L Band (1427 MHz)
IF Filters	Choice of 4 available
Output Ports	Byte aligned Ethernet (optional), TTL, RS422
Ethernet Transport	UDP/IP for raw data, optionally HDLC/AX.25mdata
Output Compatibility	IRIG-106 Chapter 10

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GDP SPACE SYSTEMS

Model RDM207 Digital RF Receiver

The RDM207 is a single-channel digital RF/IF receiver on a PCI card, offering advanced signal processing, demodulation, and synchronization for various communication link scenarios

Form Factor	Single-slot PCI card
RF Frequency	S Band 2185-2485 MHz, Upper L Band 1700-1850 MHz, Lower L Band 1427-1545 MHz
Data Rate	Up to 40 Mbps
Modulation	BPSK, QPSK, OQPSK, UQPSK, AQPSK, GMSK, SQPSK ARTM Tier 1
Noise Figure	< 10 dB
Dynamic Range	> 80 dB
Output	TTL, RS-422; optional IRIG- 106 Ch-10 Ethernet

[price on request](#) [datasheet](#)



GDP SPACE SYSTEMS

PCM Bit Synchronizers

GDP Space offers a range of PCM Bit Synchronizers designed to reconstruct input data streams and recover the clock with high fidelity for telemetry ground stations, ensuring reliab

Performance	Better than 1dB from theory all the way down to -3dB Eb/No
Input Signal Levels	Down to 100mV
Data Rates	10 bps to 40+ Mbps
Model 2265 Channels	Up to 4 bit synchronizer channels
Model 2265 Chassis	2U
Model 2265 Synchronization	Down to -3 dB Eb/No at signal levels down to 100mVpp
Model 2365A Channels	Up to 8 channels

[price on request](#) [datasheet](#)

Contact GDP Space Systems

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/gdp-space-systems/>

<https://gdpspace.com>

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