

Powerful Low Frequency Ringer & Paging Amplifier

The 1825 Duet Plus® auxiliary ringer is a multi-application loud ringer and paging amplifier for use with business telephone systems in office and industrial applications.

Specifically designed for compatibility with Nortel systems, the Duet Plus works with Norstar, BCM, Meridian 1, CS 1000, analog and Meridian Digital Centrex telephones. Application notes are available (www.algosolutions.com/appnotes) to describe functionality and any additional product requirements for applications with M7000, T7000, M2000, M3900, M5000, and analog telephones.

Non-Irritating Tone Output

Warble tone output is specifically designed to be non-irritating even at loudest volumes and more effective than shrill piezo type ringers in alerting personnel with hearing impairments, wearing ear protection, or in high ambient noise environments. These advantages are achieved by using a lower frequency range than most electronic ringers.

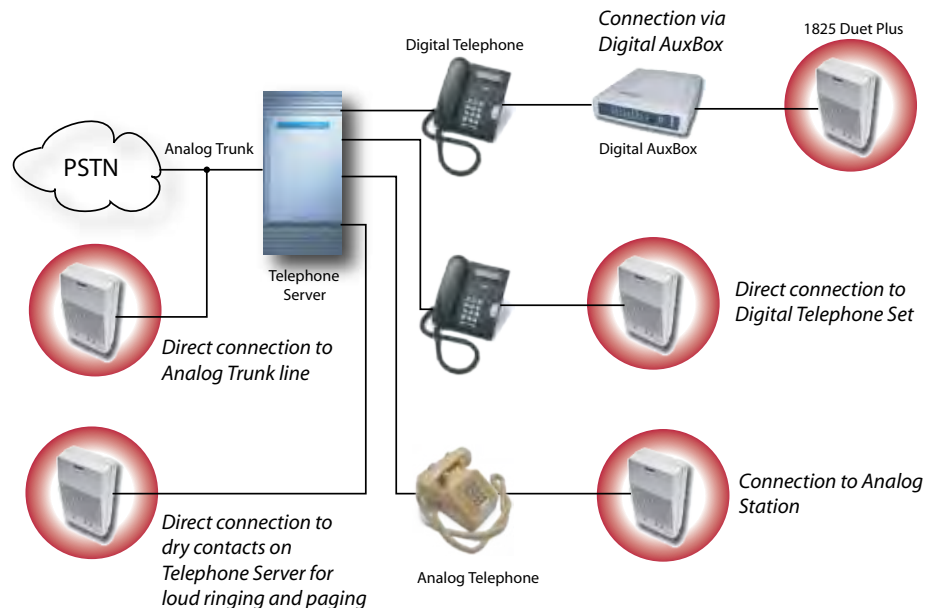
Optional 1185 Horn Speaker

The 1825DuetPlus® contains a speaker for low to moderate noise environments such as offices, storage areas, warehouses, and lunch rooms. For higher ambient noise or outdoor environments such as machine shops or work yards, the 1185 Horn Speaker can be added to achieve one of the most effective and weatherproof industrial loud ringers available. The economical and robust 1185 horn speaker is driven by a power amplifier in Duet Plus®. For more information, see www.algosolutions.com/1185



Discover the Difference!

For an online demonstration of the 1825 Duet Plus, complete with sound, please visit www.algosolutions.com/1825



Typical 1825 Duet Plus Application Connections

Ordering Information

1825P	Duet Plus with power supply NA (117 V, 60 Hz adapter)
1825PM	Duet Plus with power supply and 2501 Modular Cord
1826P	Talking Duet Plus with power supply NA (117V 60Hz adapter)
1185	Horn Speaker 8 Ohm 20 Watt weatherproof marine

Please contact Algo for ordering information outside of North America.

1825 Duet Plus® Specifications

Power supply	Adapter Included. 22V 350 mA Class II
Wire distance	Maximum 500 feet (150 m) for remote power using 24 gauge wire
Sound pressure level	93 dBA, 500 Hz 3.3 ft (1m) using internal speaker 112 dBA, 500 Hz 3.3 ft (1m) typical with 1185 Horn Speaker
Warble frequency	Adjustable 290/360 Hz to 770/960 Hz typical, 4 to 12 Hz modulation
Output power	6 W peak, 3.5 Wrms continuous into 8 Ohms
Output impedance	8 Ohm in power mode, 10 kOhm in line driver mode
Dry contact closure	Detection with 10 Vdc 1 mA resistive circuit
90V ring detection	REN 0.8, LN=6; ring start 40 Vrms; ring stop 27Vrms
Low voltage detection	Detects external 3 to 60 V DC or AC
Paging input	600 Ohm balanced and isolated
Paging input level	Selectable, 0 dBm (HI) or -18 dBm (LO)
Audio detection	- 43 to +12 dBm adjustable



1825 Duet Plus®

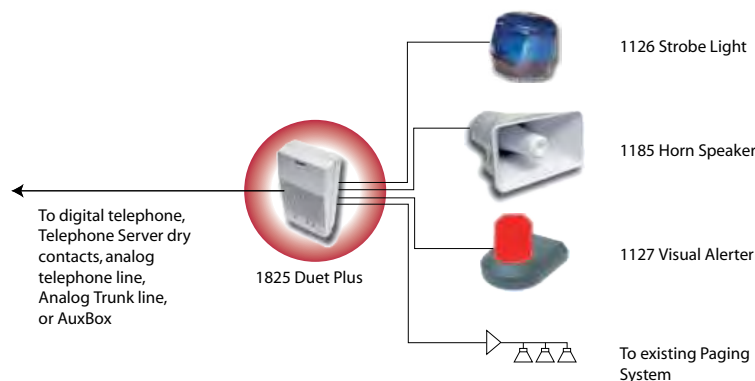


Algo's Optional
1185 Horn Speaker

1185 Horn Speaker Specifications

Impedance	8 Ohm
Power capability	20 Watts
Construction	8" x 5" (20.3 x 12.7 cm) Rectangular white plastic, weatherproof

Output Options for 1825 Duet Plus



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www.algosolutions.com

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