

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.

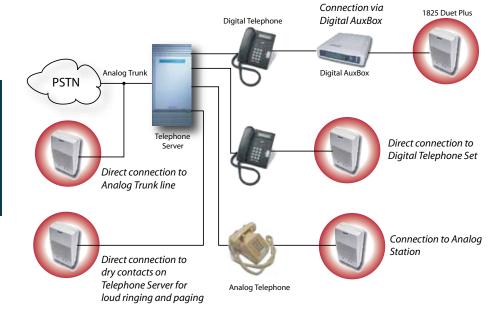


Optional 1185 Horn Speaker

The 1825 Duet Plus® 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 weather proof 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

1825 Duet Plus®



Ordering Information

1825P 1825PM 1826P 1185 Duet Plus with power supply NA (117 V, 60 Hz adapter) Duet Plus with power supply and 2501 Modular Cord Talking Duet Plus with power supply NA (117V 60Hz adapter) 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®

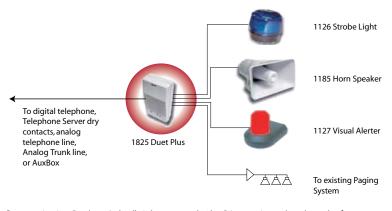


Algo's Optional 1185 Horn Speaker

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 |





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