

Oregon Phone Quick Reference Guide For Norstar KLM Installation

1 – The KLM (Key Lamp Module) can **ONLY** be attached to a 7324 telephone on an 824, MICS or CICS. A maximum of 2 KLMs can be attached to a 7324.

2 – A 7324 with a KLM will usually be designated as a CAP (Central Answering Position) in Norstar programming. This allows outside line buttons to be assigned to the KLM. Most Norstar systems allow a maximum of 5 CAPs.

3 – When connecting KLMs to 7324s use 6-conductor line cords. Pair 1 (white/blue) is the station pair. Pair 2 (white/orange) is power (24vdc) for the first KLM. Pair 3 (white/green) is power (24vdc) for the second KLM. The power pairs are polarity sensitive. White/orange and white/green are positive; orange/white and green/white are negative. Reversing polarity will not harm the KLM; it simply won't operate.

4 – Connect a short 6-conductor line cord from the KLM station port (designated with a picture of a phone) to the 7324 line port. Then connect a 6-conductor line cord from the station jack to the KLM line port. Allow the 7324 and KLM about one minute to complete their initialization process.

5 – If connecting 2 KLMs to a 7324 connect a short 6-conductor line cord from the station port of KLM 1 to the line port of KLM 2. Connect a short 6-conductor line cord from the station port of KLM 2 to the line port of the 7324. Connect a 6-conductor line cord from the station jack to the line port of KLM 1. Allow the 7324 and KLMs about one minute to complete their initialization process.

6 – No lights on one or both KLMs indicate that power is not being received from the power supply. Check the wiring and connections, and make certain that you are using 6-conductor line cords for all connections.

7 – Steady lights on one or both KLMs indicate a polarity reversal of power. Unplug the power supply from the electrical outlet, reverse polarity of power to the non-functioning KLM(s), plug the power supply into the electrical outlet, and check for normal operation.

8 – KLMs will have default station DSS button assignments. These buttons can be programmed as speed dial buttons, feature keys, station DSS, or outside line assignments (if designated as a CAP in Norstar programming). Button assignments can be checked by dialing **Feature *0**, then touching a programmable button. The button assignment will be displayed on the 7324.

9 – When assigning outside lines to a CAP, the first 12 lines assigned will appear on the first 12 buttons of the 7324. The 13th line assigned will appear on the top left button of KLM 1. Lines can be moved by dialing **Feature *81**, touching the button of the line to be moved, then touching the button to where the line is being moved.

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10 – KLM programming can be defaulted by unplugging the line cord from the station jack, plugging the cord back into the jack, waiting until all arrows begin flashing on the KLM, then pressing the 2 lower left and 2 lower right KLM buttons simultaneously. The KLM will light each arrow in sequence and return all KLM buttons to their default DSS assignments.

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