

Wireless StatStation



LCD Display - Infocenter Specifications

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General Specifications

- Font style to be Myriad Pro Condensed or Antique Olive 2 unless specified.
- Font size to be 8 or 10 unless specified.
- 2.5mm jack for 120volt wall wart.
- Receiver to have 4 AA batteries.
- Operating Temperature: 40 °F – 110 °F
- After 30 seconds of no interaction, unit defaults to Idle Screen.
- Backlight on during any key touch. Off after 30 seconds on no interaction.
- Range from transmitter: ~200ft.
- Frequency of transmitter: 900mHz range with Frequency hopping
- Audible Alarm on low from factory
- Date Format : mm/dd/yyyy
- Time Format : hh:mm am/pm
- Investigate Multi-Lingual Format

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System Overview

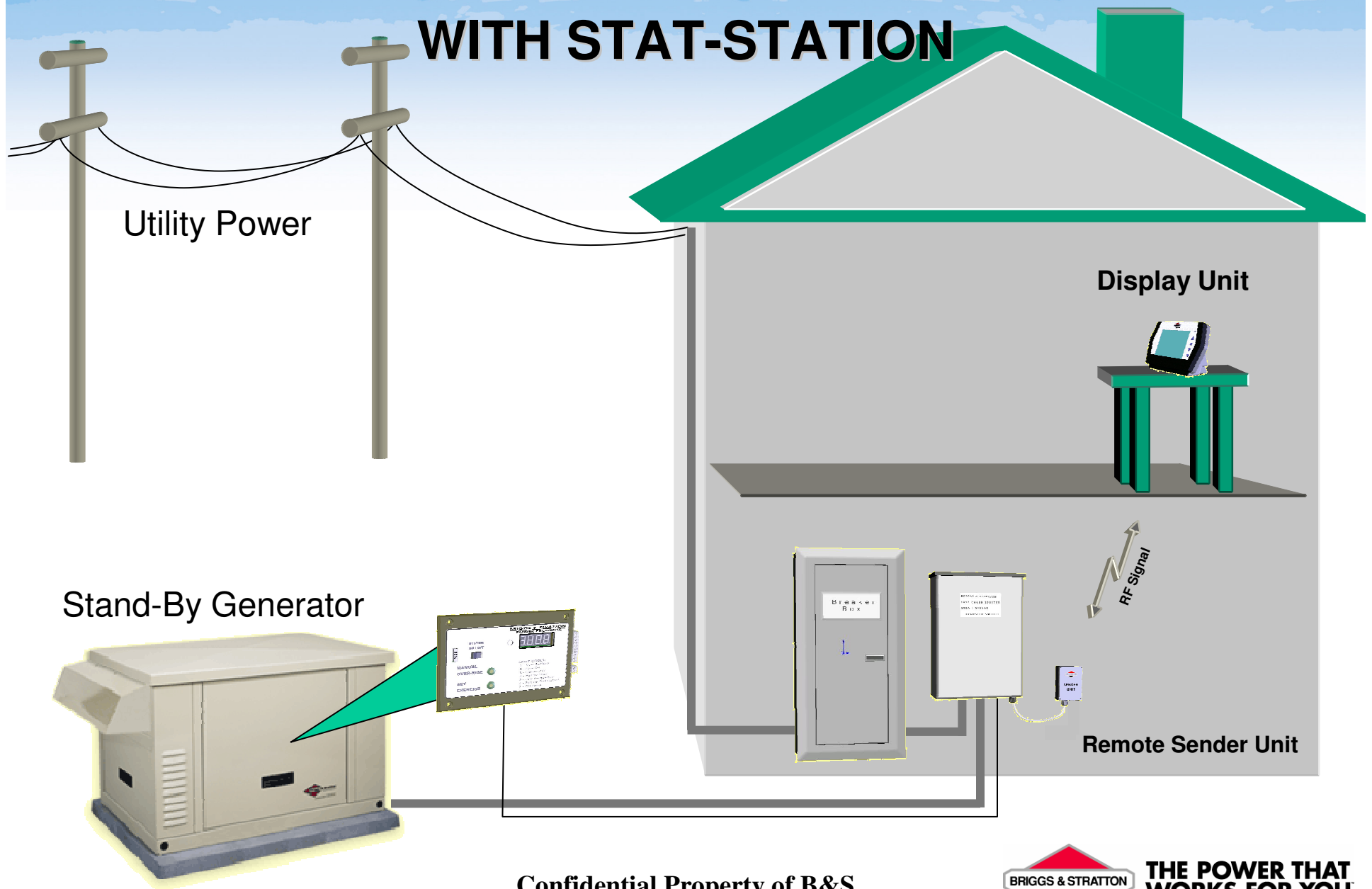
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HOME STANDBY SYSTEM WITH STAT-STATION



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GENERATOR CONTROL UNIT



240VAC
to House

Single Wire
Communication to
Transfer Switch Control

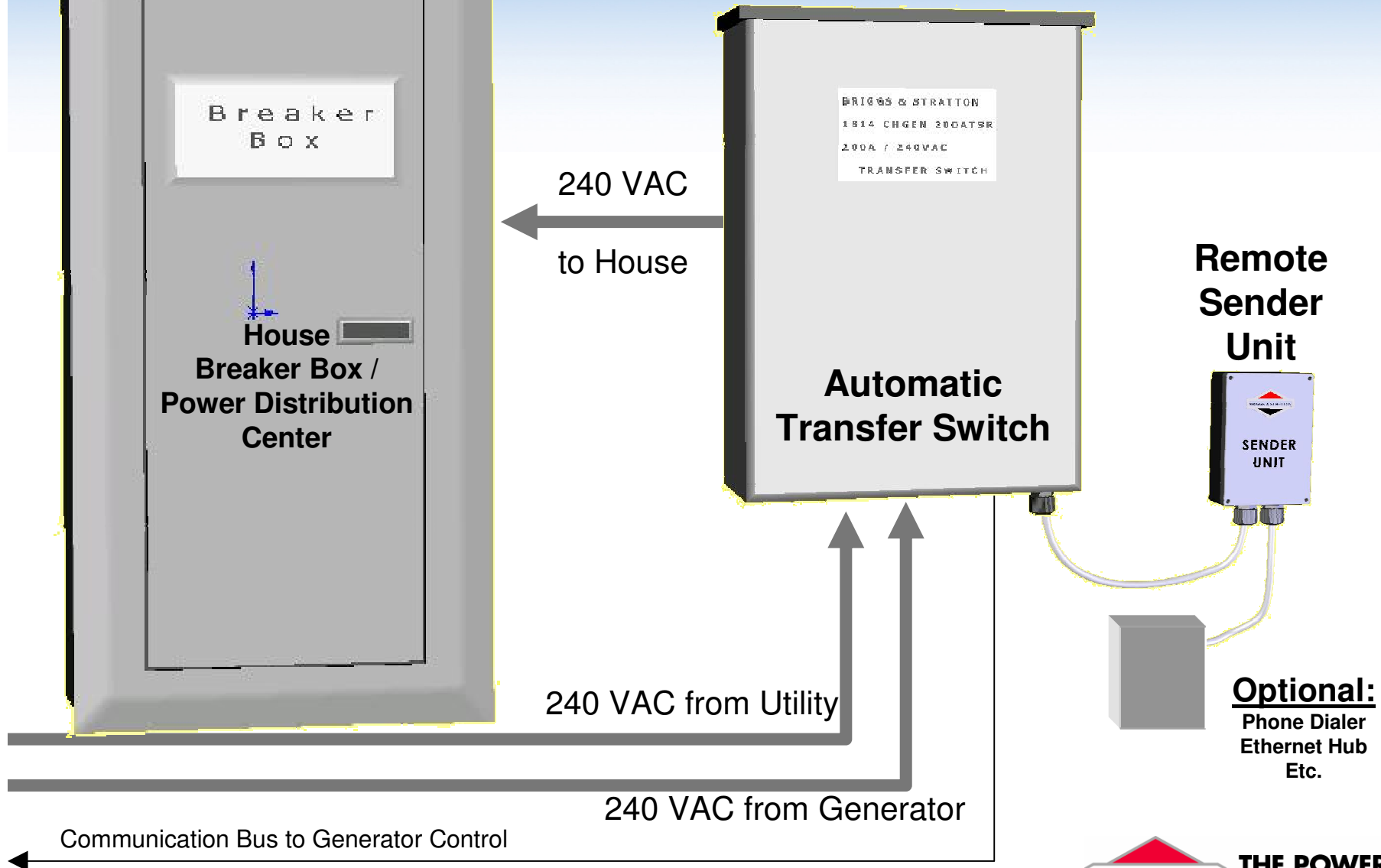
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Power Distribution Center



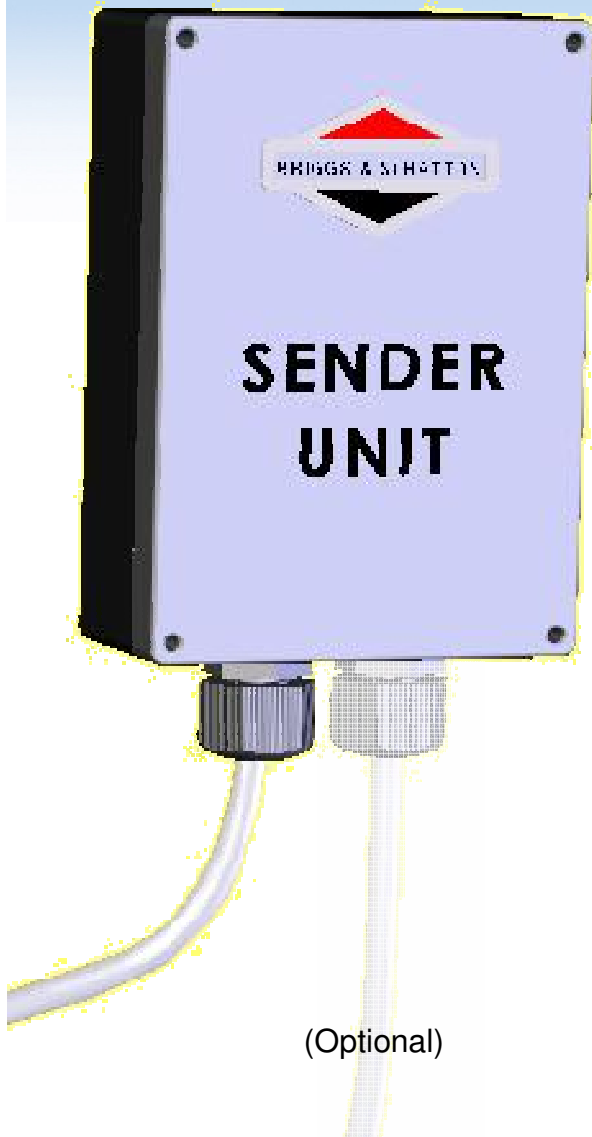
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REMOTE SENDER UNIT



- Communicates with Display Unit via RF
- Communicates with Transfer Switch Control and Home Stand-By Control systems via Hardwire
- Optional: Output for Phone Dialer or Ethernet Hub
- RF: 900MHz with Frequency Hopping
- Sealed Nema-3 Housing

(Optional)

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REMOTE DISPLAY UNIT



- Communicates with Sender Unit via RF
- Displays System Status:
 - Loss of Utility
 - Generator Operation
 - Home Power Usage
 - Exercise Mode
 - Maintenance Reminders
 - System Alarms with Audible Alert
- RF: 900MHz with Frequency Hopping
- Range: 100' from Remote Sender Unit
- Desktop Case Design

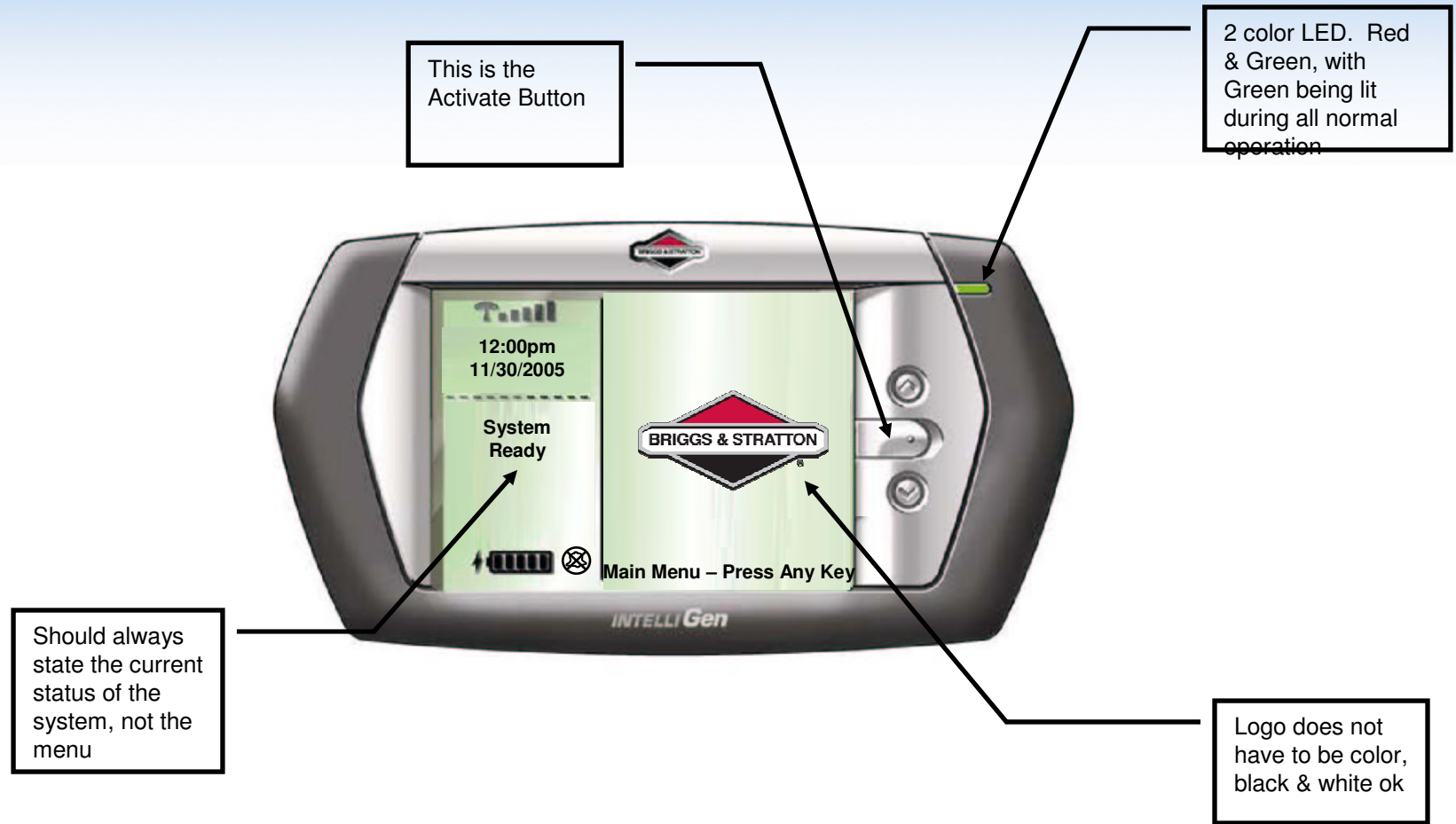
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Idle Screen



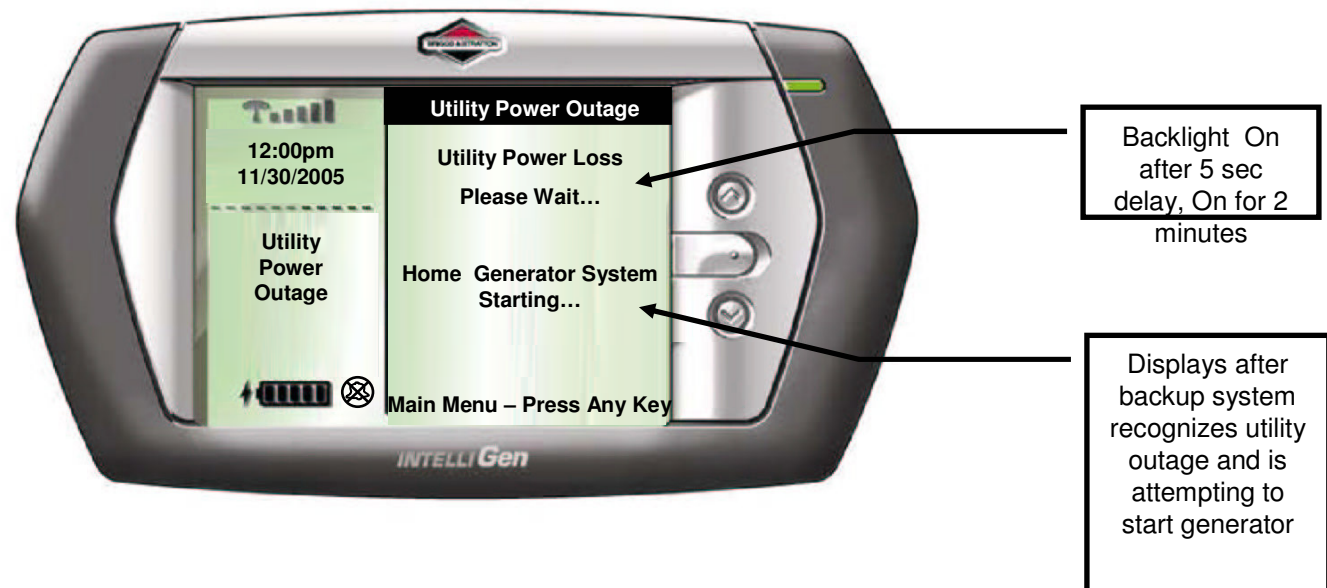
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Utility Power Outage Screen



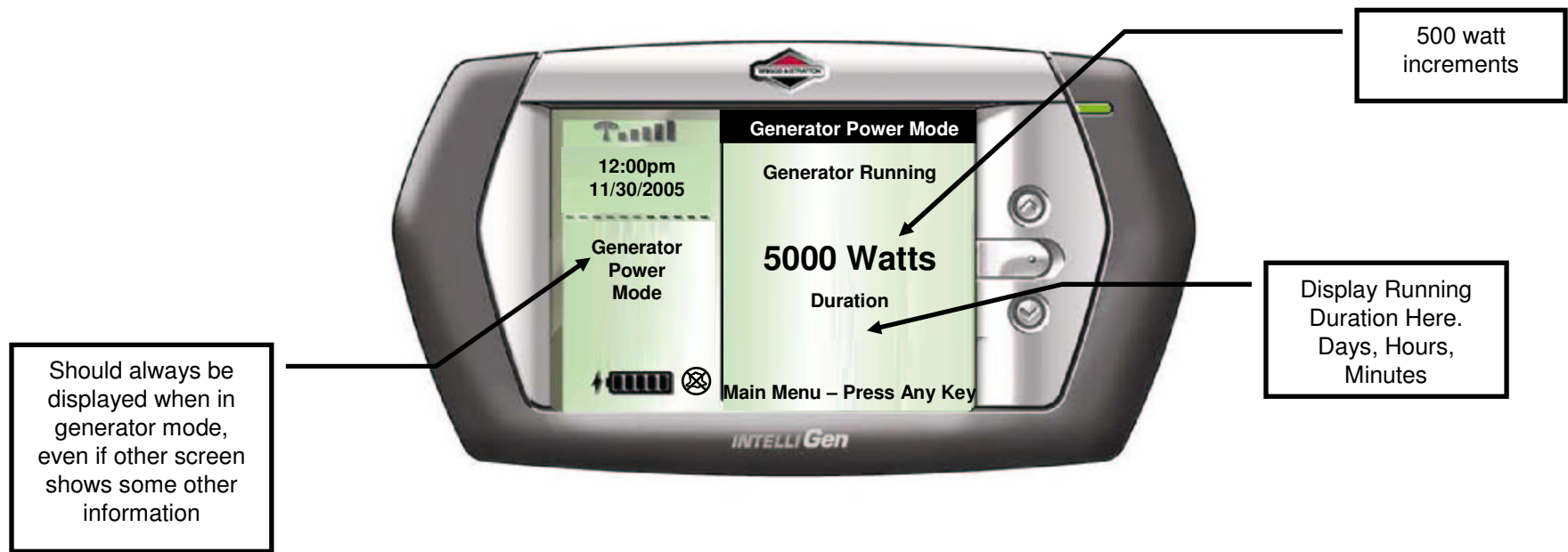
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Backup Power Mode Screen



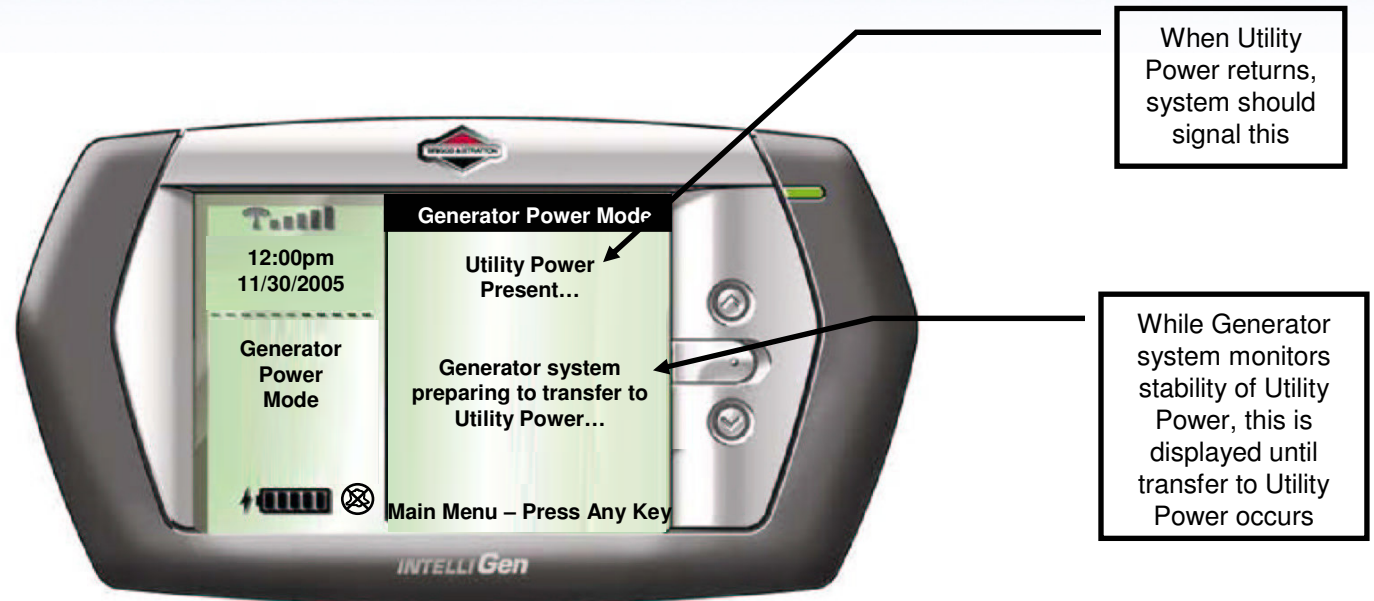
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Backup Power Mode Screen



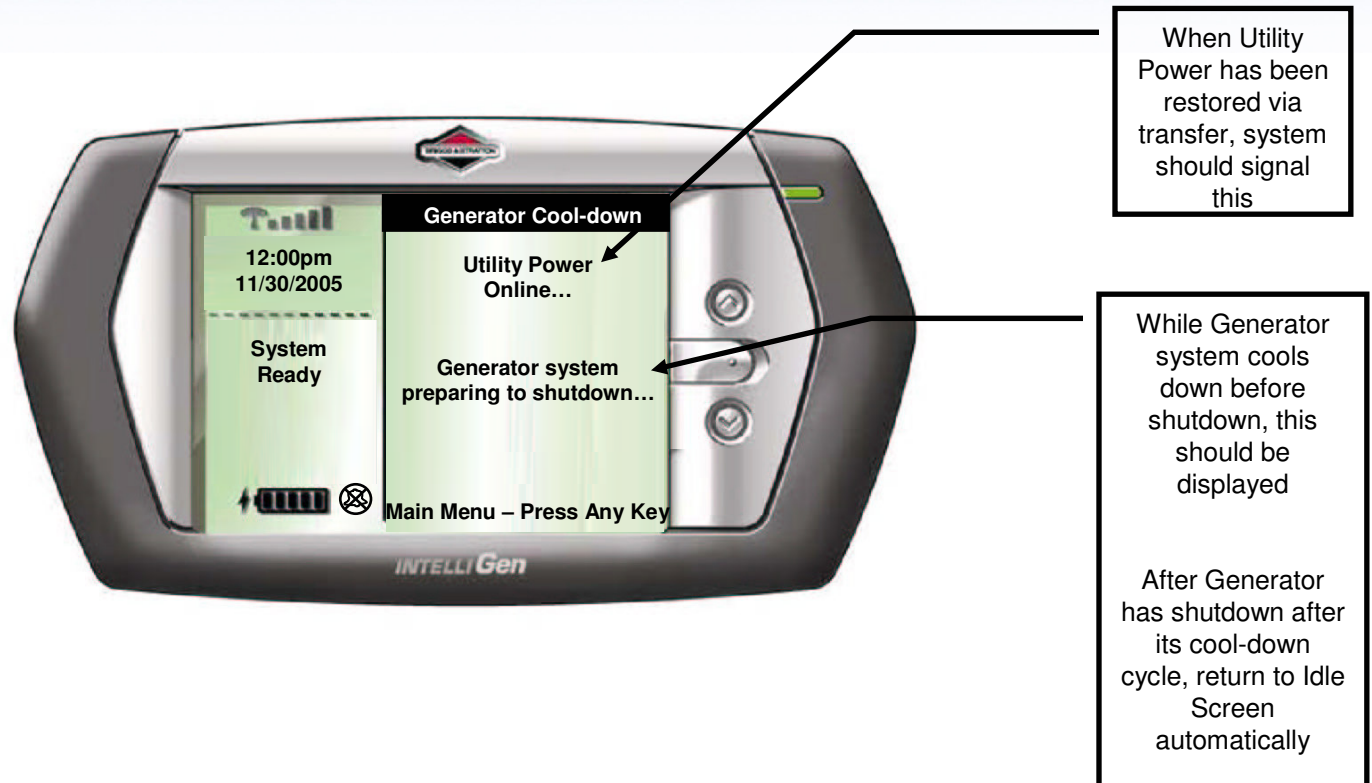
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Backup Power Mode Screen



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Exercise Mode Screen



Should always be displayed when in exercise mode, counting down, even if other screen shows some other information

Should count down from initial start of exercise

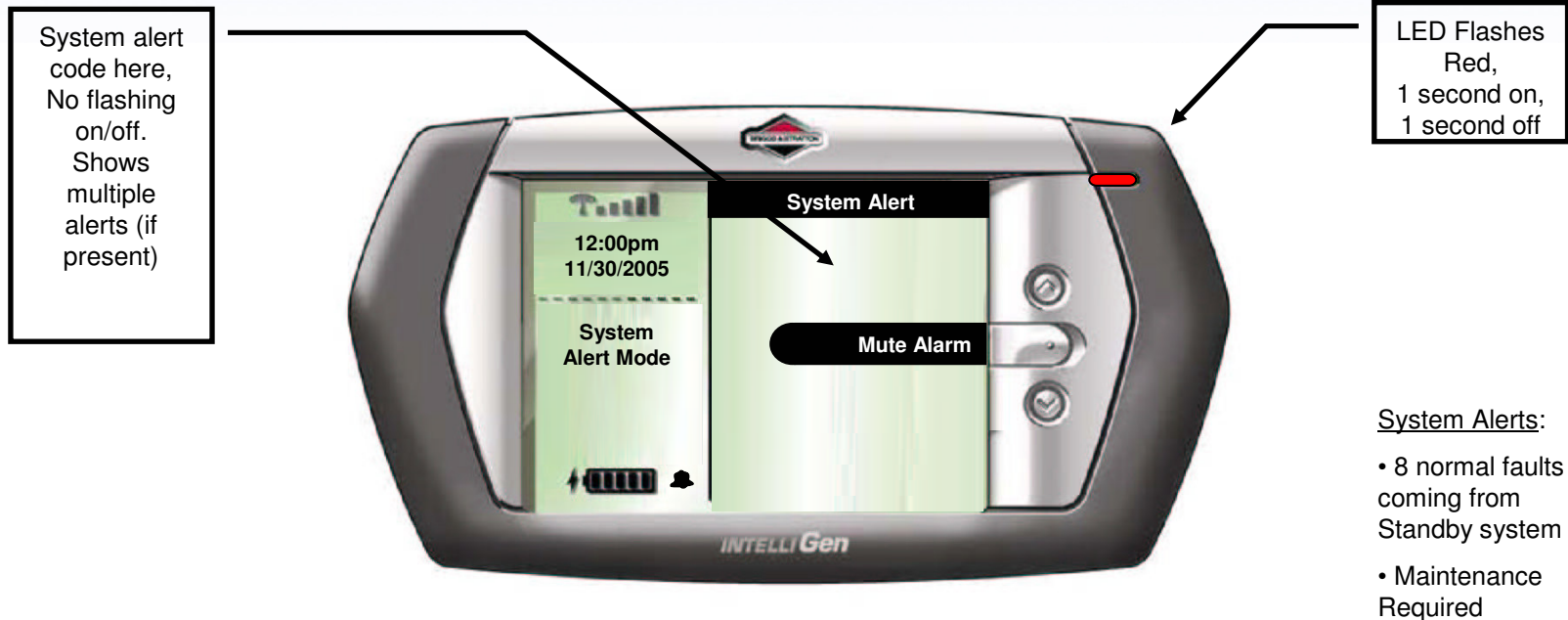
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Alarm Alert Screen



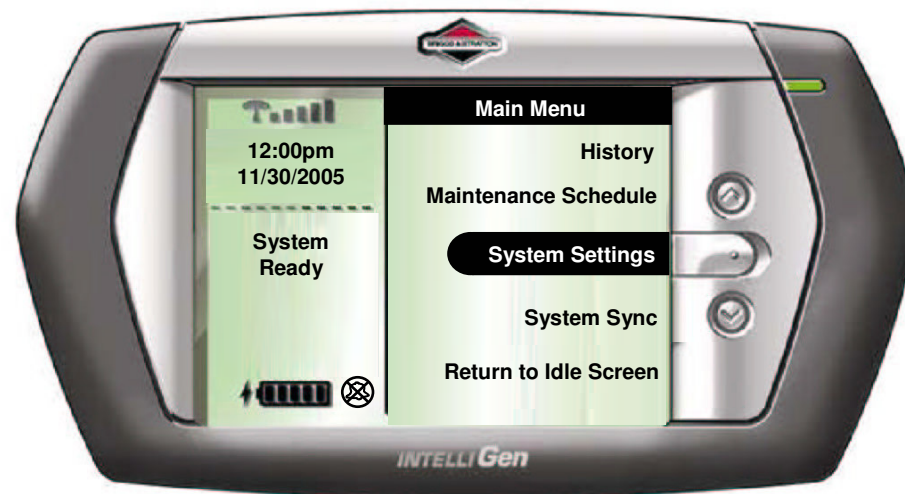
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Main Menu Screen



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History Screen



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Maintenance Screen



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Maintenance Screen



Each will flash at
"zero" time
remaining, until
they are reset

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Maintenance Screen



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Maintenance Screen

Note: After user has reset the interval, automatically returns to previous menu



Will flash at
"zero" time
remaining, until
reset

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Maintenance Screen

Note: After user has reset the interval, automatically returns to previous menu



Will flash at
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Maintenance Screen

Note: After user has reset the interval, automatically returns to previous menu



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Settings Screen



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Alarm Settings



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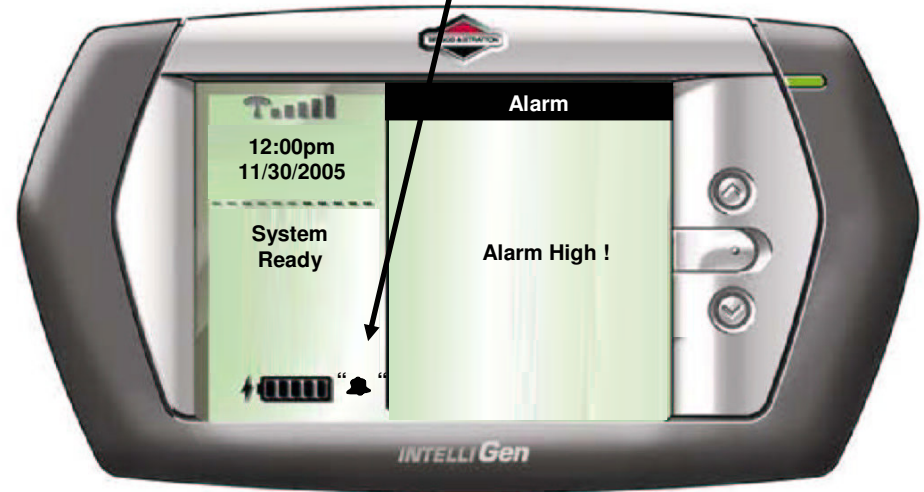
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Alarm Settings



Note: All screens should return to the previous screen after setting alarm

Note: We need to somehow show a "low" & "high" level of alarm



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Display Screen Settings



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Display Screen Settings



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Display Screen Settings



Note: All screens should return to the previous screen after setting backlight



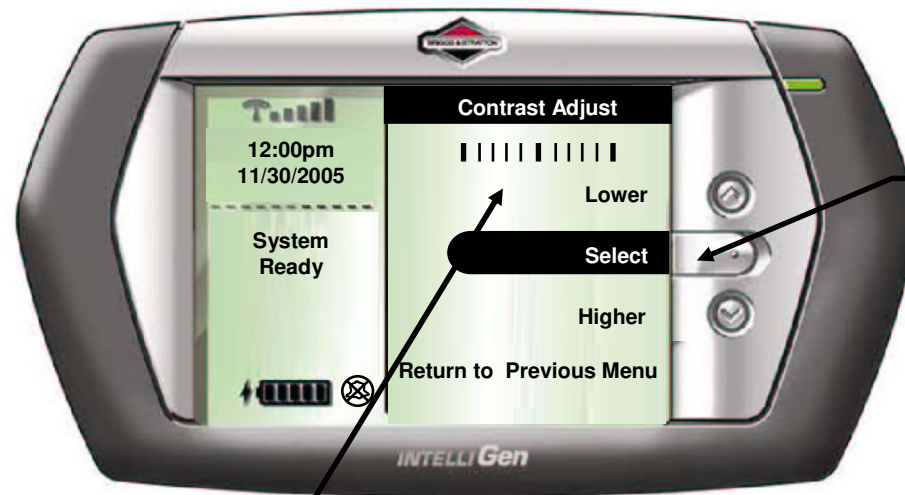
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Display Screen Settings



Pressing select will automatically return to the previous menu

Should be a highlighted block which cycles left for the upper arrow, and right for the lower arrow

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Date & Time Settings



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Date & Time Settings

Changes from
"Select" to "Finish"
once all numbers
are entered



Note: Screen should
return to the "Date &
Time Screen" after
user presses finish

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**THE POWER THAT
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Date & Time Settings

Changes from
"Select" to "Finish"
once all numbers
are entered



Note: Screen should
return to the "Date &
Time Screen" after
user presses finish

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System Sync Screen

Changes from
"Select" to
"Synchronize" once
all numbers are
entered



LABEL ON BACK OF
REMOTE SENDER UNIT



Enter the 8 digit serial number

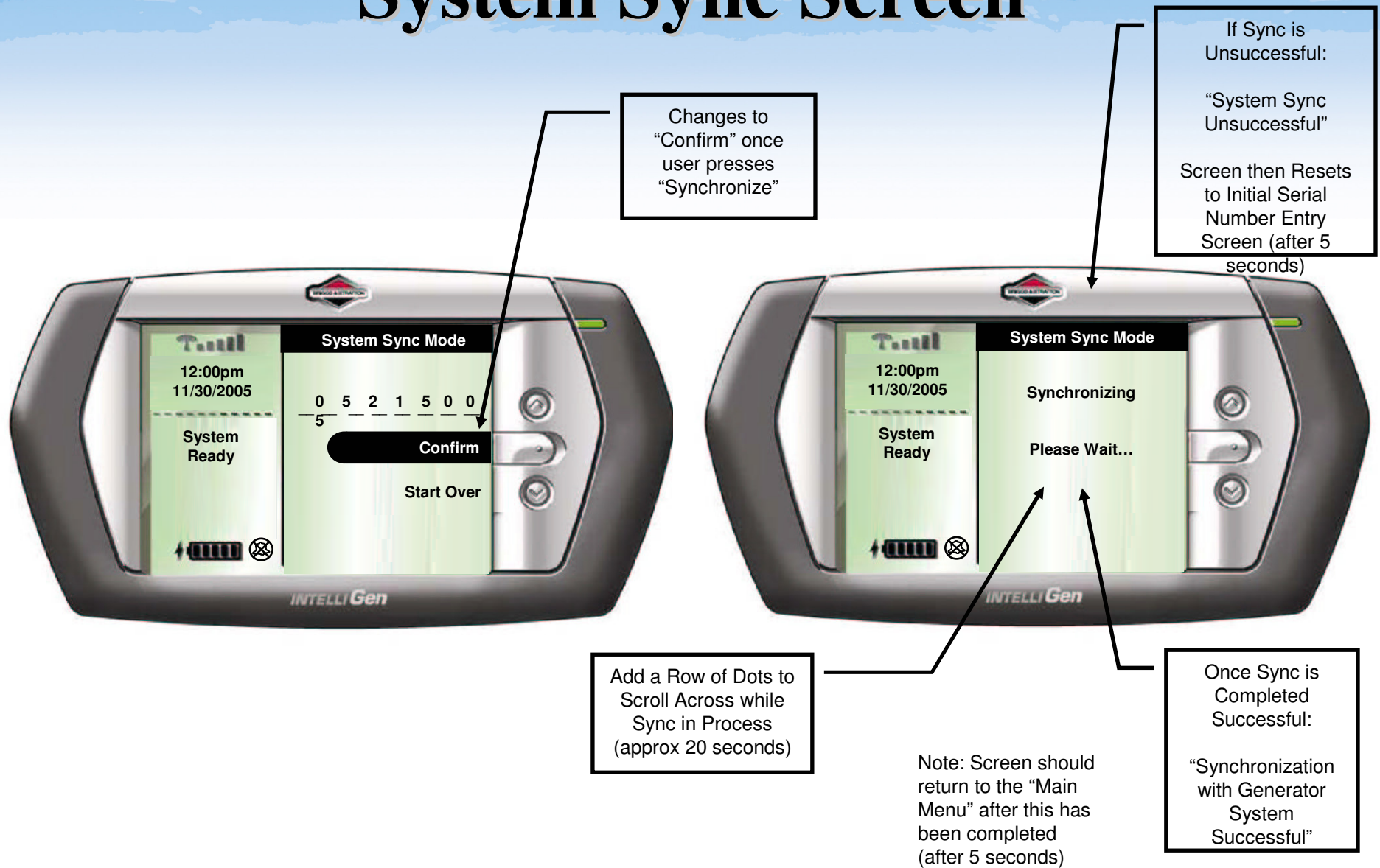
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System Sync Screen



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