

# COMPLETE CONTROL AND INTEGRATION OF KLEMSAN ANNUNCIATORS WITH KIO PLATFORM





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Klemsan Alarm Annunciators are utilized to track and record alarms from various applications. They play a vital role in immediate fault recognition by providing instant visual and audible alarms, with their double-colored (red and green) backlit displays. ANC series have different models with 8, 16, 24 or 32 channels for signal input, they all have Modbus communication. KIO, being the perfect IoT platform for anyone who wants to virtualize real world, has full compatibility with ANC series. Both controlling and monitoring of the annunciators can be done through KIO platform. As seen below, you can monitor the screen of ANC 24 from KIO. You can see the channel status of those devices.

### Compensation Steps MF (3072018)

COMPENSATION PANEL / UTILITIES / MAIN FACTORY

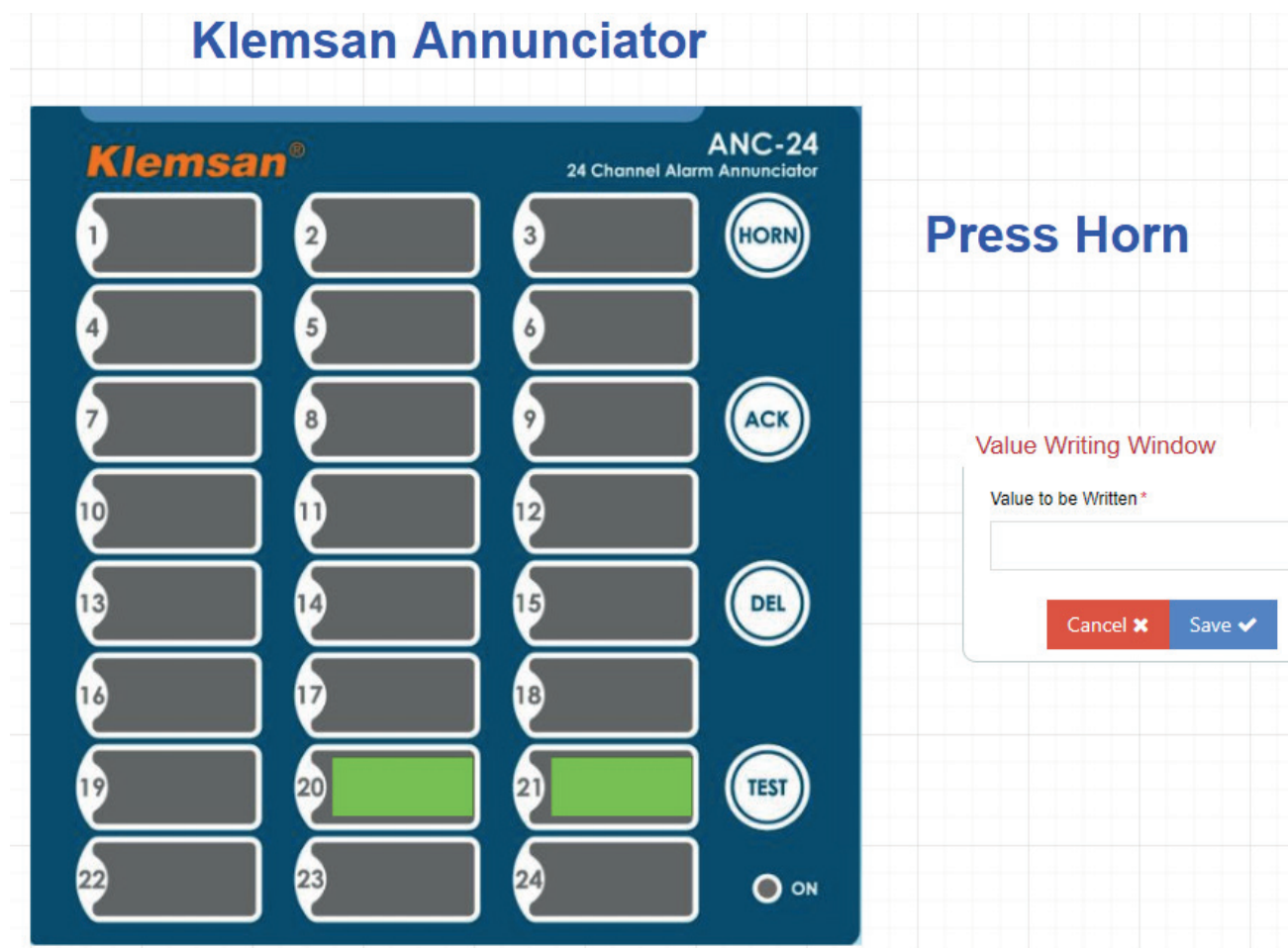


Sensor Data	Output Management	Alarm
Instant Values		17:26:05
Sensor Value Type	Sensor Value	
Channels Entrance Status 24-17 Bit 1		<input type="checkbox"/> OFF
Channels Entrance Status 24-17 Bit 2		<input type="checkbox"/> OFF
Channels Entrance Status 24-17 Bit 3		<input type="checkbox"/> OFF
Channels Entrance Status 24-17 Bit 4		<input checked="" type="checkbox"/> ON
Channels Entrance Status 24-17 Bit 5		<input checked="" type="checkbox"/> ON
Channels Entrance Status 24-17 Bit 6		<input type="checkbox"/> OFF
Channels Entrance Status 24-17 Bit 7		<input type="checkbox"/> OFF
Channels Entrance Status 24-17 Bit 8		<input type="checkbox"/> OFF
Channels Entrance Status 16-1 Bit 1		<input type="checkbox"/> OFF
Channels Entrance Status 16-1 Bit 2		<input type="checkbox"/> OFF
Channels Entrance Status 16-1 Bit 3		<input type="checkbox"/> OFF
Channels Entrance Status 16-1 Bit 4		<input type="checkbox"/> OFF

**Fig 1.** Screen of KIO Platform integrated with ANC 24

Channel Entrance Status 20 and 21 are active in KIO. This device is set up in compensation panel to follow steps. The alarm is also adjusted from KIO. When the status of channel 20 and 21 changes, KIO sends an alarm to the authorities.

You can also control the buttons of ANC series from KIO platform. There are three buttons to be controlled by KIO: HORN, ACK and DEL buttons. If you press HORN button, the value to be written is shown on the screen. User can define a value to control this button.



**Fig 2.** Controlling HORN button in ANC 24 from KIO



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